



XPERIA™

PLAY

Extended User guide

Sony Ericsson
make.believe

Contents

Important information.....	5
Android™ – what and why?.....	6
Applications.....	6
Getting started.....	7
Assembly.....	7
Turning the phone on and off.....	8
Screen lock.....	8
Starting your phone.....	9
Accounts and services.....	9
Getting to know your phone.....	10
Phone overview.....	10
Using the keys.....	11
Charging the battery.....	11
Using the touch screen.....	12
Home screen.....	13
Accessing and using applications.....	15
Status and notifications.....	16
Phone settings menu.....	17
Typing text.....	17
Adjusting the volume.....	19
Customizing your phone.....	19
Battery.....	21
Memory.....	22
Stereo portable handsfree.....	23
Internet and messaging settings.....	23
Turning off data traffic.....	24
Gaming.....	25
Using the gaming keys.....	25
Calling.....	26
Call handling.....	26
Voicemail.....	27
Multiple calls.....	27
Conference calls.....	28
Emergency calls.....	28
Contacts	29
Opening Contacts for the first time.....	29
Managing your contacts.....	30
Communicating with your contacts.....	30
Favorites	31

Sharing your contacts.....	31
Messaging.....	32
Using text and multimedia messaging.....	32
Text and multimedia message options.....	33
Email.....	34
Using e-mail.....	34
Using email accounts.....	36
Gmail™ and other Google™ services	36
Google Talk™	37
Android Market™.....	38
Downloading from Android Market™.....	38
Clearing your application data.....	38
Permissions.....	39
Installing applications from unknown sources.....	39
Getting organized.....	40
Calendar.....	40
Alarm clock.....	40
Synchronizing.....	43
Synchronizing with Google™.....	43
Synchronizing your corporate email, calendar and contacts.....	43
Connecting to wireless networks.....	45
Wi-Fi®	45
Virtual private networks (VPNs).....	48
Web browser.....	49
Toolbar.....	49
Browsing the web.....	49
Navigating web pages.....	50
Managing bookmarks.....	50
Managing text and images.....	51
Multiple windows.....	51
Downloading from the web.....	52
Browser settings.....	52
Music.....	53
Copying music files to your memory card.....	53
Using the music player.....	53
Taking photos and recording videos.....	56
Viewfinder and camera controls.....	56
Using the camera.....	56
Viewing your photos and videos in Gallery.....	61
Working with albums.....	61
Working with photos.....	63

Bluetooth™ wireless technology.....	66
Phone name.....	66
Pairing with another Bluetooth™ device.....	66
Sending and receiving items using Bluetooth™ technology.....	67
Connecting your phone to a computer.....	69
Transferring and handling content using a USB cable.....	69
Location services.....	70
Using GPS.....	70
Google Maps™.....	70
Getting directions.....	71
Locking and protecting your phone.....	72
MEID number.....	72
Screen unlock pattern.....	72
Updating your phone.....	73
Updating your phone wirelessly.....	73
Phone settings overview.....	74
Icons overview.....	75
Status icons.....	75
Notification icons.....	75
Applications overview.....	77
Troubleshooting.....	78
My phone is not working as expected.....	78
Resetting the phone.....	78
I cannot charge the phone.....	78
No battery charging icon appears when phone starts charging.....	78
The battery performance is low.....	78
I cannot transfer content between my phone and the computer, when using a USB cable.....	79
I cannot use Internet-based services.....	79
Error messages.....	79
Legal information.....	80
Index.....	81

Important information

Please read the *Important information* leaflet before you use your mobile phone.

- ! Some of the services and features described in this User guide are not supported in all countries/regions or by all networks and/or service providers in all areas. Without limitation, this applies to the International Emergency Number 112. Please contact your network operator or service provider to determine availability of any specific service or feature and whether additional access or usage fees apply.

Android™ – what and why?

An Android™ phone can perform many of the same functions as a computer. But you can also adjust it to better suit your needs, to receive the information you want, and have fun at the same time. You can add and delete applications, or enhance them to improve functionality. At Android Market™ you can download a range of applications and games from a constantly growing collection. You can also integrate applications on your Android™ phone with your personal data and online accounts. For example, you can back up your phone contacts, access your different email accounts and calendars from one place, keep track of your appointments, and engage in as much social networking as you like.

Android™ phones are constantly evolving. When a new software version is available and your phone supports this new software, you can update your phone to get new features and the latest improvements.

- 💡 Your Android™ phone is pre-loaded with Google™ services. To get the most out of the provided Google™ services, you should have a Google™ account and sign in to it when you first start your phone. You also need to have Internet access to use many of the features in Android™.

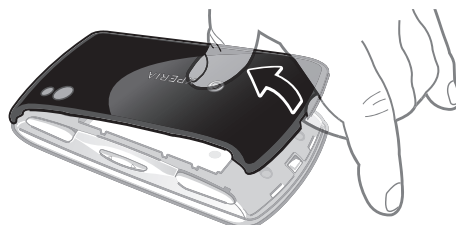
Applications

An application is a phone program that helps you perform a task. For example, there are applications to make calls, take photos and download more applications.

Getting started

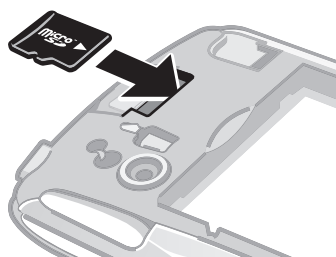
Assembly

To remove the battery cover



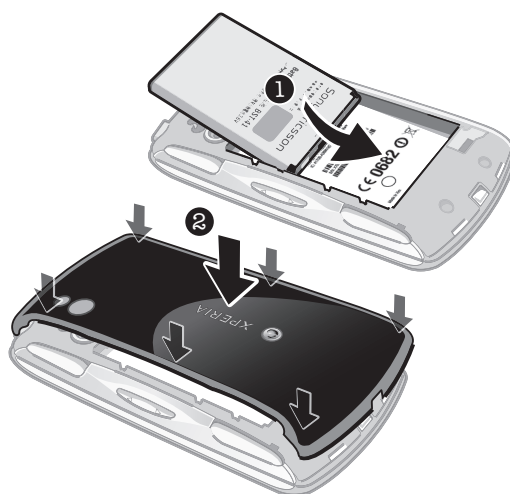
- Insert the tip of your finger firmly into the opening on the bottom side of the phone, between the phone and the battery cover. Then lift up the cover slowly but firmly.
- ! Do not use sharp objects that may damage parts of the phone.
- ! When you remove the cover, the memory card becomes inaccessible. This is to prevent you from losing data. The memory card becomes accessible again when you replace the cover. Make sure that the cover is properly attached.

To insert a memory card



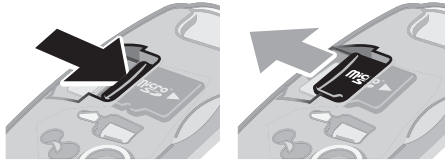
- Remove the battery cover and insert the memory card with the gold-colored contacts facing down.

To insert the battery and attach the cover



- 1 Insert the battery with the connectors facing each other.
- 2 Place the cover over the back of the phone so that the camera lens hole in the cover is aligned with the camera lens.
- 3 **Press down firmly on all edges of the battery cover to be sure it gets attached tightly. Otherwise, your memory card might not function properly.**

To remove the memory card



- Remove the battery cover, then press the edge of the memory card and draw it outwards. Release and remove.


Turning the phone on and off

To turn on the phone



- 1 Press and hold down the power  key on the top of the phone until the phone vibrates.
 - 2 If your screen goes dark, press  or press  briefly to activate the screen.
 - 3 To unlock the screen, drag  to the right across the screen.
- ! It might take a while for the phone to start up.

To turn off the phone

- 1 Press and hold down  until the options menu opens.
- 2 In the options menu, tap **Power off**.
- 3 Tap **OK**.



Screen lock

When your phone is on and left idle for a set period of time, the screen darkens to save battery power, and locks automatically. This lock prevents unwanted actions on the touch screen when you are not using it.


To activate the screen

- Press  or press  briefly.

To unlock the screen

- 1 Press  to activate the screen.
- 2 Drag the  icon along the screen lock path to the other side.

To lock the screen manually

- When the screen is active, briefly press the  key.

Starting your phone



The first time you start your phone, you are prompted to touch the Android logo to begin. This is a good time to learn more about your phone and decide how you want to use Android and Google features. You are also prompted to create a Google account or log in to an existing account.

Accounts and services

Sign in to your online service accounts from your phone to get easy access when you're on the move. For example, you can integrate contacts from your Google™ account into your phonebook, so you have everything in one place. You can sign up to new online services from your phone as well as from a computer.

Google™ account





A Google™ account is key to your Android™ phone. Use Gmail™ to send emails, Google Talk™ to chat with friends, and Android Market™ to download applications.

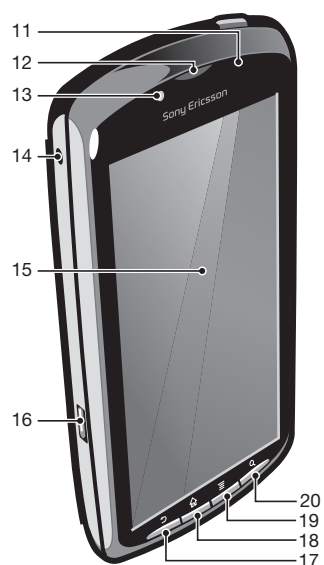
Exchange Active Sync account

Synchronize your phone with your corporate Exchange Active Sync account. This way, you keep your work email, contacts and calendar events with you at all times.

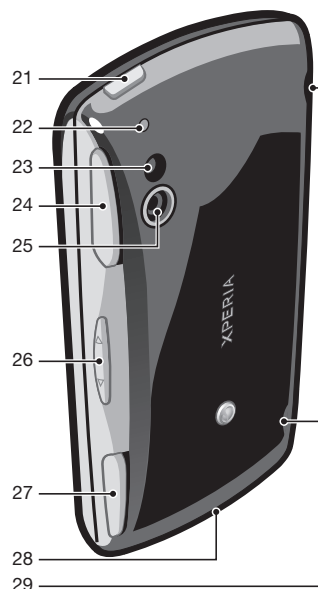
Getting to know your phone

Phone overview

- 1 Directional buttons
- 2 Game menu
- 3 Touch pad
- 4  Button
- 5  Button
- 6  Button
- 7  Button
- 8 Select key
- 9 Start key
- 10 Main microphone opening
- 11 Light sensor/ Proximity sensor
- 12 Ear speaker
- 13 Front camera
- 14 3.5 mm headset connector
- 15 Touch screen
- 16 Connector for charger/USB cable
- 17 Back key
- 18 Home key
- 19 Menu key
- 20 Search key







- 21 Power key/Screen lock/Notification LED
- 22 Second microphone opening
- 23 Camera LED flash
- 24 Left trigger
- 25 Camera lens
- 26 Volume key
- 27 Right trigger
- 28 Strap holder
- 29 Speakers



Using the keys



	Back	<ul style="list-style-type: none">• Go back to the previous screen• Close the on-screen keypad, a dialog box, an options menu, or the Notification panel
	Home	<ul style="list-style-type: none">• Go to the Home screen from any application or screen• Open a window showing your most recently used applications
	Menu	<ul style="list-style-type: none">• Open a list of options available in the current screen or application
	Search	<ul style="list-style-type: none">• Shortcut to Google™ Search

Charging the battery

The phone battery is partly charged when you buy the phone. It may take a few minutes before the battery icon appears on the screen when you connect the phone to a power source. You can still use your phone while it is charging.

- ! The battery will start to discharge a little after it is fully charged and then charges again after a certain time. This is to extend battery life and may result in the charge status showing a level below 100 percent.



To charge the phone using the power adapter

- Connect the phone to a power outlet using the USB cable and the power adapter.

To charge the phone using a computer

- Connect the phone to a USB port on a computer using the USB cable included in the phone kit.

Using the touch screen

When your phone is on and left idle for a set period of time, the screen darkens to save battery power, and locks automatically. This lock prevents unwanted actions on the touch screen when you are not using it. You can also set personal locks to protect your subscription and make sure only you can access your phone content.

- ! Your phone screen is made from glass. Do not touch the screen if the glass is cracked or shattered. Avoid trying to repair a damaged screen yourself. Glass screens are sensitive to drops and mechanical shocks. Cases of negligent care are not covered by the Sony Ericsson warranty service.

To open or highlight an item

- Tap the item.

To mark or unmark options

- Tap the relevant checkbox, or in some cases the right side of the list option, to mark or unmark an option.



Marked checkbox



Unmarked checkbox



Marked list option





Unmarked list option

Zooming

There are two ways to zoom. The zoom options available depend on the application you are using.

To zoom

- When available, tap  or  to zoom in or out. You may have to drag your finger on the screen (in any direction) to make the zoom icons appear.
 - Touch an area on the screen with two fingers at once and pinch them together to zoom out, or spread the two fingers apart to zoom in. Repeat the relevant movement to keep zooming in or out.
- 💡 When you use two fingers on the screen to zoom, it is only possible to zoom if both fingers are within the zoomable area. If you, for example, want to zoom in on a photo, make sure that both fingers are within the photo frame area.

Scrolling

Scroll by moving your finger up or down on the screen. On some web pages you can also scroll to the sides.

- ! Dragging or flicking will not activate anything on the screen.

To scroll



- Drag your finger in the direction you want to scroll on the screen.
- 💡 To scroll more quickly, flick your finger in the direction you want to go on the screen.

To flick



- To scroll more quickly, flick your finger in the direction you want to go on the screen. You can wait for the scrolling movement to stop by itself, or you can stop it immediately by tapping the screen.

Sensors

Your phone includes a light sensor and a proximity sensor. The light sensor detects the ambient light level and adjusts the brightness of the screen accordingly. The proximity sensor turns the touch screen off when your face touches the screen. This prevents you from unintentionally activating phone functions when you are engaged in a call.

Home screen

Your phone's Home screen is the equivalent of the desktop on a computer. It's your gateway to the main features in your phone. You can customize your Home screen with widgets, shortcuts, wallpaper, and other items. The Home screen extends beyond the regular screen display width, so you need to flick left or right to view content in one of the screen's four extensions.



The dots at the bottom of the screen show which part of the Home screen you are in.

To go to the Home screen

- Press .

To browse the Home screen

- Flick right or left.

Widgets

Widgets are small applications that you can use directly on your Home screen. For example, the Music widget allows you to start playing music directly.

To add widgets to the Home screen

- 1 From your Home screen, press .
- 2 Tap **Add > Widgets**.
- 3 Tap a widget.


Rearranging your Home screen

Change the appearance of your Home screen and what to access from it. For example, change the background, move items around, create folders and add shortcuts to contacts, bookmarks and more.

To add a shortcut to the Home screen

- 1 From your Home screen, press .
 - 2 Tap **Add > Shortcuts**.
 - 3 Find and select a shortcut.
-  Add application shortcuts directly from the Launcher by touching and holding the application.

To add a folder to the Home screen

- 1 From your Home screen, press .
- 2 Tap **Add > Folders**.
- 3 Select the folder type you want to add.


To add items to a folder

- Touch and hold an item until it magnifies and the phone vibrates, then drag the item to the folder.


To rename a folder

- 1 Tap the folder to open it.
- 2 Touch and hold the folder's title bar to open the **Rename folder** dialog box.
- 3 Enter the new folder name, then tap **OK**.

To move an item on the Home screen

- 1 Press  to open your Home screen.
- 2 Touch and hold an item until it magnifies and the phone vibrates, then drag the item to the new location.


To delete an item from the Home screen

- Touch and hold an item until it magnifies and the phone vibrates, then drag the item to .

Changing the background of your Home screen

Make your Home screen more personal with wallpapers. You can use animations or a photo you have taken. Go to Android Market™ and other sources to download, for example, live wallpapers that change with the changing hours of the day.

To change your Home screen wallpaper

- 1 From your Home screen, press .
- 2 Tap **Add > Wallpapers**, then find and select a wallpaper.

Accessing and using applications


Open applications from shortcuts on your Home screen or from the Launcher.

Launcher

The Launcher, which you open from your Home screen, contains the applications that come installed with your phone as well as the applications you download.

To open the Launcher




- From your Home screen, tap .

To view the applications in the Launcher

- Open the Launcher, then scroll up or down.

To create a shortcut to an application on the Home screen




- 1 From your Home screen, tap .
- 2 Touch and hold an application until it appears on your Home screen, then drag it to the desired location.

Opening and closing applications

To open an application

- From your Home screen or the Launcher, tap the application.


To close an application

- Press .
-  Some applications are paused when you press  to exit, while other applications may continue to run in the background. In the first case, the next time you open the application, you can continue where you left off.


Recently used applications window

You can view and access recently used applications from this window.

To open the recently used applications window


- Press and hold down .

Application menu

You can open a menu at any time when you are using an application by pressing the  key on your phone. The menu will look different depending on which application you are using.

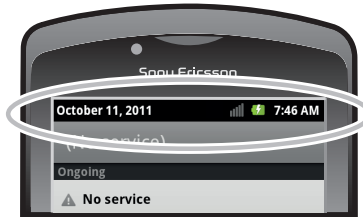


To open a menu in an application

- While using the application, press .
- ! A menu is not available in all applications.

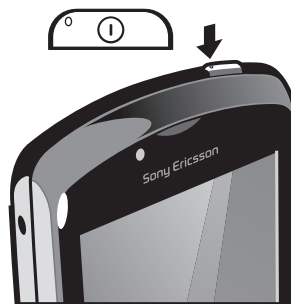
Status and notifications

The status bar at the top of your screen shows what's going on in your phone. To the left you get notifications when there is something new or ongoing. For example, new message and calendar notifications appear here. The right side shows the signal strength, battery status, and other information.



A notification light also gives you battery status information and some notifications. For example, a flashing green light means there is a new message or a missed call.

- ! The notification light may not work when the battery level is low.



Checking notifications and ongoing activities

You can drag down the status bar to open the Notification panel and get more information. For example, open a new message or view a calendar event from the Notification panel. You can also open running applications, such as the music player.

To open the Notification panel



- Drag the status bar downwards.

To close the Notification panel



- Drag the tab at the bottom of the Notification panel upward.

To open a running application from the Notification panel

- From the Notification panel, tap the icon for the running application to open it.


To clear the Notification panel

- From the Notification panel, tap **Clear**.

Phone settings menu

View and change your phone settings from the Settings menu.

To access the phone settings

- 1 From the Home screen, tap .
- 2 Tap **Settings**.

Typing text

Using the on-screen keyboard



- 1 Shift and Caps Lock – tap to change the character case and turn on the caps lock
- 2 Number and symbol mode – tap to display numbers and symbols
- 3 Voice input – tap to use voice input. You need an Internet connection to use this function
- 4 Space – tap to enter a space
- 5 Next – tap to confirm the text entry and go to the next step.
- 6 Backspace – tap to delete a character to the left of the cursor

To display the keyboard to enter text

- Tap a text entry field.



To hide the keyboard

- When you enter text, press .

To enter text

- To enter a character visible on the keyboard, tap the character.
- To enter a character variant, touch and hold a regular keyboard character to get a list of available options, then select from the list. For example, to enter "é", touch and hold "e" until other options appear, then, while keeping your finger pressed on the keyboard, drag to and select "é".

To shift between upper-case and lower-case letters

- Before you enter a letter, tap  to switch to upper-case , or vice versa.


To turn on the caps lock

- Before you type a word, tap  or  until  appears.

To enter numbers or symbols

- When you enter text, tap . A keyboard with numbers and symbols appears.

To insert a smiley when editing a message

- 1 When you enter text for a message, press  and tap **Insert smiley**.
- 2 Select a smiley.

To delete characters

- Tap to place the cursor after the character you want to delete, then tap .




To edit text

- 1 When you enter text, touch and hold the text field until the **Edit text** menu appears.
- 2 Select an option.


Keyboard settings

You can select settings for the keyboard, such as writing language and automatic prediction.

To access the keyboard settings

- 1 From your Home screen, tap , then tap **Settings > Language & keyboard > Android keyboard**.
- 2 To display the settings key  in the keyboard, tap **Show settings key** and select **Always show**. You can now access your keyboard settings by tapping the settings key  on your keyboard.

To change writing language

- 1 From your Home screen, tap , then tap **Settings > Language & keyboard > Android keyboard**.
- 2 Tap **Input languages** and select the languages you want to use for writing.
- 3 To change the writing language, slide left or right on the space bar in the keyboard.

Adjusting the volume

You can adjust the ringtone volume for phone calls and notifications as well as for music and video playback.


To adjust the ring volume with the volume key

- Press the volume key up or down.

To adjust the media playing volume with the volume key

- When playing music or watching video, press the volume key up or down.

To set the phone to silent and vibrate mode

- 1 From the Home screen, tap .
- 2 Find and tap **Settings > Sound**.
- 3 Mark the **Silent mode** checkbox.
- 4 Select **Vibrate** and choose an option.


Customizing your phone

Adapt the phone to your needs by adjusting, for example, your personal ringtone, phone language and your Privacy settings.


Time and date

You can change the time and date in your phone.

To set the date manually


- 1 From the Home screen, tap .
- 2 Find and tap **Settings > Date & time**.
- 3 Unmark the **Automatic** checkbox, if it is marked.
- 4 Tap **Set date**.
- 5 Tap **+** or **-** to adjust the date.
- 6 Tap **Set**.

To set the time manually

- 1 From the Home screen, tap .
- 2 Find and tap **Settings > Date & time**.
- 3 Unmark the **Automatic** checkbox, if it is marked.
- 4 Tap **Set time**.
- 5 Tap **+** or **-** to adjust the hour and minute.
- 6 Tap **AM** to change to **PM** or vice versa.
- 7 Tap **Set**.

- ! If you want to use **AM** and **PM**, you have to unmark **Use 24-hour format**.

To set the time zone



- 1 From the Home screen, tap .
- 2 Find and tap **Settings > Date & time**.
- 3 Unmark the **Automatic** checkbox, if it is marked.
- 4 Tap **Select time zone**.
- 5 Select an option.

To set the date format

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Date & time** > **Select date format**.
- 3 Select an option.

Ringtone settings


To set a phone ringtone

- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **Sound** > **Phone ringtone**.
 - 3 Select a ringtone, then select **OK**.
-  You can also set a music track as your ringtone. See *To use a music track as a ringtone* on page 55.


To enable touch tones

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Sound**.
- 3 Mark the **Audible touch tones** and **Audible selection** checkboxes.

To select a notification ringtone



- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Sound** > **Notification ringtone**.
- 3 Select a ringtone and tap **OK**.

To set a vibrating alert


- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Sound**.
- 3 Select **Vibrate** and choose an option.

Screen settings




To adjust the screen brightness

- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **Display** > **Brightness**.
 - 3 To decrease the screen brightness, drag the slider to the left. To increase it, drag the slider to the right.
 - 4 Tap **OK**.
-  The brightness level affects your battery performance. For tips on how to improve battery performance, see *Battery performance* on page 21.

To set the screen to vibrate

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Sound**.
- 3 Mark the **Haptic feedback** checkbox. The screen now vibrates when you tap soft keys and certain applications.

To adjust the idle time before the screen turns off

- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **Display** > **Screen timeout**.
 - 3 Select an option.
-  To turn off the screen quickly, briefly press the power key .




To keep the screen on while charging the phone

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Applications** > **Development**.
- 3 Mark the **Stay awake** check box.

Phone language


You can select a language to use in your phone.

To change the phone language




- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **Language & keyboard** > **Select language**.
 - 3 Select an option.
- ! If you choose the wrong language and cannot read the menu texts, find and tap the **Settings** icon . Then select the entry beside , and select the first entry in the following menu. You can then select the language you want.

Airplane mode

In Airplane mode, your phone's network and radio transceivers are turned off to prevent disturbance to sensitive equipment. However, you can still play games, listen to music, watch videos and other content, as long as all this content is saved on your memory card. You can also be notified by alarms, if alarms are activated.

-  Turning on Airplane mode reduces battery consumption.

To turn on Airplane mode

- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **Wireless & networks**.
 - 3 Mark the **Airplane mode** checkbox.
-  You can also select **Airplane mode** from the **Phone options** menu. To access the **Phone options** menu, press and hold the power key .

Battery

Your Android™ phone keeps you connected and updated wherever you are. This affects the battery life of your phone. Below are some tips on how to prolong battery life while still staying connected and up to date.


Battery performance

The following tips can help you improve battery performance:


- Charge your phone frequently. This will not affect the lifetime of the battery.
- Downloading data from the Internet is power consuming. When you're not using the Internet, you can save power by disabling all data connections over mobile networks. You can do this from **Settings** > **Wireless & networks** > **Mobile networks**. This setting does not prevent your phone from transmitting data over other wireless networks.
- Turn off GPS, Bluetooth™ and Wi-Fi® when you don't need these features. You can turn them on and off more easily by adding the Status switch widget to your Home screen. You do not need to turn off 3G.
- Set your synchronization applications (used to synchronize your email, calendar, and contacts), to synchronize manually. You can also synchronize automatically, but increase the intervals.
- Check the battery usage menu in the phone to see which applications use the most power. Your battery consumes more power when you use video and music streaming applications such as YouTube™. Some Android Market™ applications also consume more power.
- Close and exit applications that you are not using since multitasking affects the battery performance.
- Lower the screen display brightness level.
- Turn off your phone or use **Airplane mode** if you are in an area with no network coverage. Otherwise, your phone repeatedly scans for available networks, and this consumes power.

- Use a Sony Ericsson original handsfree device to listen to music. This consumes less battery power than when you listen to music through the phone's loudspeakers.
- ! Standby time, a common term when it comes to battery performance, refers to the time during which the phone is connected to the network and is not being used. The more time your phone is in standby and not otherwise in operation, the longer the battery lasts.
- 💡 For more information about how to maximize your battery performance, visit www.sonyericsson.com/support.

To disable all data connections over mobile networks

- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **Wireless & networks** > **Mobile networks**.
 - 3 Unmark the **Data enabled** checkbox.
- 💡 When all data connections over mobile networks are disabled, you can still use Wi-Fi® and Bluetooth™ connections. You can also send and receive multimedia messages.


To add the Power control widget to your Home screen

- 1 From your Home screen, press .
- 2 Tap **Add** > **Widgets**, then select the **Power Control** widget.

Battery LED status

Green	The battery is fully charged
Flashing red	The battery level is low
Orange	The battery is charging. The battery level is between low and full

To check the battery level

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **About phone** > **Status**.

To access the battery usage menu

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **About phone** > **Battery use** to see which installed applications consume the most battery power.

Memory

You can save content on a memory card and in the phone memory. Music, video clips, and photos are saved on the memory card while applications, contacts, and messages are saved in the phone memory.

Memory card

- ! You may have to purchase a memory card separately.
- Your phone supports a microSD™ memory card, which is used for media content. This type of card can also be used as a portable memory card with other compatible devices.
- ! Without a memory card you can't use the camera, nor can you play or download music files and video clips.

Formatting the memory card

You can format the memory card in your phone, for example, to free up memory. This means that you erase all data on the card.

- ! All content on the memory card gets erased when you format it. Make sure you make backups of everything you want to save before formatting the memory card. To back up your content, you can copy it to your computer. For more information, refer to the chapter *Connecting your phone to a computer* on page 69.

To format the memory card

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Storage** > **Unmount SD card**.
- 3 Tap **Erase SD card**.

Stereo portable handsfree



To use a handsfree






- 1 Connect a portable handsfree.
 - 2 To answer a call, press the call handling key. If you listen to music, it stops when you receive a call and resumes when the call has ended.
 - 3 To end a call, press the call handling key.
- ! If a portable handsfree is not included with the phone, you may purchase it separately.
- ! Your phone comes with a 3.5 mm port for attachment of headphones and/or other accessories or devices. Sony Ericsson utilizes a specific technical standard known as OMTP (Open Mobile Terminal Platform) for the configuration of this port. Products made by other companies may support an alternative standard and may not function fully when connected to your Sony Ericsson handset. You can use an adaptor (provided) to allow your Sony Ericsson handset to work compatibly with such alternative standards.

Internet and messaging settings

To send text and multimedia messages and to access the Internet, you must have a 2G/3G mobile data connection and the correct settings. There are different ways to get these settings:


- For most phone networks and operators, Internet and messaging settings come preinstalled on your phone. You can then start using the Internet and send messages right away.
- In some cases you will get the option to download Internet and messaging settings the first time you turn on your phone. It is also possible to download these settings later from the **Settings** menu.
- You can manually add and change Internet and network settings in your phone at any time. Contact your network operator for detailed information on your Internet and messaging settings.

To configure Internet settings manually

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Mobile networks** > **Access Point Names**.
- 3 Press .
- 4 Tap **New APN** .
- 5 Tap **Name** and enter the name of the network profile you want to create.
- 6 Tap **APN** and enter the access point name.
- 7 Tap and enter all other information required by your service provider.
- 8 Press  and tap **Save** .


 Contact your service provider for detailed information about your network settings.

To reset the default Internet settings

- 1 From the Home screen, tap .
- 2 Tap **Settings** > **Wireless & networks** > **Mobile networks** > **Access Point Names**.
- 3 Press .
- 4 Tap **Reset to default**.

Turning off data traffic

You can disable all data connections over 2G/3G networks with your phone to avoid any unwanted data downloads and synchronizations. Contact your network operator if you need detailed information about your subscription plan and data traffic charges.

 When data traffic is turned off, you can still use Wi-Fi® and Bluetooth™ connections. You can also send and receive multimedia messages.











To turn off all data traffic

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Mobile networks**.
- 3 Unmark the **Data enabled** checkbox.

Gaming

Using the gaming keys

Slide out your gaming keypad to access the following keys:

	Directional buttons. Use the buttons to browse left, right, up or down
	Function of this key is game specific
	Function of this key is game specific
	Function of this key is game specific
	Function of this key is game specific
	Function of this key is game specific
	Menu key
	Select and Start keys. Select key is on the left; Start key is on the right
	Left trigger key. Improves gaming experience (Game specific)
	Right trigger key. Improves gaming experience (Game specific)

! All of the above buttons and keys are used in different ways in different games. Refer to game-specific information to learn more about button and key functions for a particular game.

Calling

Call handling

You can make a call by manually dialing a phone number or you can tap a number saved in your phone's contact list. When you are on a call, you can answer incoming calls or send them to your voicemail box.



To make a call

- 1 From your Home screen, tap .
- 2 Enter the number of the recipient and tap . To delete a number, tap .

To end a call

- Tap .

To make an international call

- 1 From your Home screen, tap .
- 2 Touch and hold down **0** until a “+” sign appears.
- 3 Enter the country code, area code (without the first 0) and phone number, then tap .

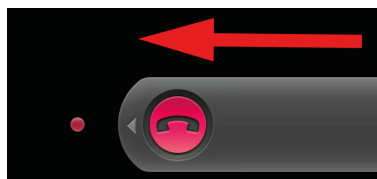
To answer a call



- Drag the green phone icon to the right.
- ! If you are using regular headphones without a microphone, you have to remove the headphones from the headset connector to be able to answer the call.

To decline a call

- Drag the red phone icon to the left.



To change the ear speaker volume during a call

- Press the volume key up or down.

To turn on the loudspeaker during a call

- Tap **Speaker**.




To mute the microphone during a call

- Tap **Mute**.


To mute the ringtone for an incoming call

- When you receive the call, press the volume key.



Recent calls

In the call log, you can view recently missed , received  and dialed  calls.


To view your missed calls

- 1 When you have missed a call,  appears in the status bar. Drag the status bar downward.
- 2 Tap **Missed call**.

To call a number from your call log

- 1 From your Home screen, tap  and tap **Call log**.
- 2 If you want to call a number directly, tap  next to the number. If you want to edit a number before calling, touch and hold the desired number, then select an option.


To add a number from the call log to your contacts

- 1 From your Home screen, tap , then tap **Call log**.
- 2 Touch and hold the number, then tap **Add to contacts**.
- 3 Tap the desired contact, or tap **Create new contact**.
- 4 Edit the contact details and tap **Done**.


Voicemail

If your subscription includes a voicemail service, callers can leave voice messages for you when you can't answer calls. You can get the voicemail service number from your service provider.

To manually enter your voicemail number

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Call settings** > **Voicemail settings**.
- 3 Enter your voicemail number.
- 4 Tap **OK**.

To call your voicemail service

- 1 From your Home screen, tap .
- 2 Touch and hold down **1**.

Multiple calls


If you have activated call waiting, you can handle multiple calls at the same time. When it is activated, you will be notified by a beep if you receive another call.


To answer a second call and put the ongoing call on hold



- 1 When you hear repeated beeps during a call, drag the green phone icon to the right. You can now talk to the second caller.
- 2 Tap **Swap** when you want to take the first call off hold.

To make a second call

- 1 During an ongoing call, tap **Add call**.
- 2 Enter the number of the recipient and tap .
- 3 If the recipient answers, the first call is put on hold.


 The same procedure applies to subsequent calls.

To end the ongoing call and return to the next call on hold


- Tap **End**.

Conference calls

With a conference or multiparty call, you can have a joint conversation with two or more people.

 For details on the number of participants you can add to a conference call, contact your network operator.

To make a conference call

- 1 Call the first conference participant. After the call is connected, tap **Add call**. The participant is put on hold.
- 2 Dial the number of the second participant, or select a contact and tap .
- 3 After the second call is connected, tap **Merge calls**.

To end a conference call

- During the conference call, tap **End** to disconnect all participants.

Emergency calls

Your phone supports international emergency numbers, for example, 112 or 911. You can normally use these numbers to make emergency calls in any country if you are within range of a network.

To make an emergency call

- 1 From your Home screen, tap .
- 2 Enter the emergency number and tap . To delete a number, tap .

Contacts



In the **Contacts** application, you can enter information about your personal contacts, for example, phone numbers and email addresses. When you view a contact, you get quick access to all communication with that contact.

Opening Contacts for the first time




The first time you open the Contacts application, you get hints on how to start adding contacts to your phone. This is a good time to choose a method that suits your situation and setup. You can get existing contact information into your phone using several methods:

- Use a synchronization service, such as Google Sync™. This way, you can manage your contacts both directly in the phone and from a computer. And you always have a backup online.
- Import contacts from a memory card. Be aware that it is not always possible to transfer contacts from one phone to another using this method, since some phones do not support the import or export of contacts from/to a memory card.
- Use a Bluetooth™ connection to transfer contacts from one phone to another. Both phones need to be switched on.
- You can send contacts via messaging services such as SMS, MMS or email. Not all phones support the sending of contacts via messaging services.

To import contacts from a memory card

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Press , then tap **Import/Export**.
- 3 Tap **Import from SD card**.
- 4 If you have set up a synchronization account, you can add the imported memory card contacts under that account. Or you can choose to only use the imported contacts in the phone. Select your desired option.
- 5 If you have more than one vCard file on the SD card, a list appears showing different batches of phone contacts, with the corresponding dates for when they were created. Select the batch you want to import.

To synchronize your phone contacts with a synchronization account

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Press , then tap **Accounts**.
- 3 To set up a synchronization account, tap **Add account** and follow the on-screen instructions. If you have already set up a synchronization account and you want to sync with that account, tap the account, press , and tap **Sync now**.


To receive contacts sent using a messaging service

- 1 When you receive a new text message, multimedia message, or email message, open the message.
- 2 The received contact data appears as a vCard attachment. Tap, or touch and hold the vCard file to open a menu so you can save the contact data.

To receive contact data sent using Bluetooth™ technology

- 1 Make sure you have the Bluetooth™ function turned on and your phone set to visible. If not, then you cannot receive data from other devices.
- 2 When you are asked to confirm whether you want to receive the file, tap **Accept**.
- 3 Drag down the Notification panel and tap the file you received to import the contact data.

To view your contacts

- From your Home screen, tap , then tap **Contacts**.
- 💡 If you have not set up your phone for synchronization with a web service, you can choose to do so the first time you open the **Contacts** application. You can then merge contacts



imported from your memory card with the synchronization service, if desired. See *Synchronizing* on page 43.

Managing your contacts



You can create, edit and synchronize your contacts in a few simple steps. You can select contacts saved in different accounts and manage how you display them in the phone.

- ! Some synchronization services, for example, some social networking services, do not allow you to edit contact details.


To select which contacts to display

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Press , then tap **Display options**.
- 3 In the list that appears, mark and unmark the desired options. If you have synchronized contacts with an account, that account appears in the list. You can tap the account to further expand the list of options. When you are finished, tap **Done**.



To add a contact

- 1 From your Home screen, tap , then tap **Contacts**.
 - 2 Press  and tap **New contact**.
 - 3 If you have synchronized your contacts with more than one account, select the account to which you want to add this contact.
 - 4 Enter or select the desired information for the contact.
 - 5 When you are finished, tap **Done**.
- 💡 If you add a plus sign and the country code before a contact phone number, you can use the number when you make calls from other countries.



To edit a contact

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Touch and hold the contact you want to edit, then tap **Edit contact**.
- 3 Edit the desired information. When you are finished, tap **Done**.

To delete a contact



- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Tap the contact you want to delete.
- 3 Press  and tap **Delete contact**.
- 4 Tap **OK**.

To export all contacts to the memory card


- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Press , then tap **Import/Export**.
- 3 Tap **Export to SD card**.
- 4 Tap **OK**.

Communicating with your contacts



To search for a contact

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Press  and enter the first few letters of the contact name. All contacts beginning with these letters appear.
- 3 Tap to select the desired contact.

To call a contact


- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Tap the contact.
- 3 Tap the desired phone number for the contact.

To send a text or multimedia message to a contact

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Tap the thumbnail picture to the left of the contact you want to send the message to.
- 3 Tap  and select a phone number if more than one choice appears.
- 4 Edit the message and press **Send**.

! You can only send text and multimedia messages to mobile phone numbers.



To send an email message to a contact

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Tap the contact.
- 3 Tap the desired email address for the contact.
- 4 Edit the message and tap **Send**.



Favorites

You can mark a contact as a favorite. The **Favorites** tab gives you quick access to your marked contacts. In **Favorites**, you can also find a list of the contacts you communicate with most frequently.



To mark or unmark a contact as a favorite

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Tap the contact you want to add to or remove from your favorites.
- 3 Tap .

To access your favorite contacts



- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Tap the  tab.

To associate a picture with a contact

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Touch and hold the contact you want to edit, then tap **Edit contact**.
- 3 Tap  and select the desired method for adding the contact picture.
- 4 When you have added the picture, tap **Done**.

Sharing your contacts

To send a contact

- 1 From your Home screen, tap , then tap **Contacts**.
- 2 Tap the contact you want to send.
- 3 Press , then tap **Share**.
- 4 Select an available transfer method and follow the on-screen instructions.

Messaging

Using text and multimedia messaging

You can send and receive text messages from your phone using SMS (Short Message Service). If your subscription includes MMS (Multimedia Messaging Service), you can also send and receive messages that contain media files, for example, pictures and videos. A single text message may contain up to 160 characters. If you exceed 160 characters, then all your single messages are linked and sent together. You are charged for each 160-character message sent. When you view your messages, they appear as conversations, which means that all messages to and from a particular person are grouped together.



- ! To send multimedia messages, you need the correct MMS settings in your phone. See *Internet and messaging settings* on page 23.


To create and send a message

- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Tap **New message**.
- 3 Tap **To** and enter a mobile phone number. Select a contact from the list that appears, or enter the full number manually.
- 4 Tap **Type to compose** and enter your message.
- 5 To add a media file press  then tap **Attach** and select an option.
- 6 To send the message, tap **Send**.


- 💡 If you exit a message before sending, it gets saved as a draft. If the message is part of a conversation, the conversation gets tagged with the word **Draft**.

To read a received message


- 1 From your Home screen, tap , then find and tap .
- 2 Tap the desired conversation.
- 3 If the message is not yet downloaded, tap the message, then tap **Download**.

- 💡 When you receive a text or multimedia message,  appears in the status bar. To read the message, you can also drag the status bar downward and tap the received message when the status bar is open.


To reply to a message

- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Tap the desired conversation.
- 3 Enter your reply and tap **Send**.



To forward a message

- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Tap the desired conversation.
- 3 Touch and hold the message you want to forward, then tap **Forward**.
- 4 Tap **To** to enter a mobile phone number. Select a recipient from the list that appears, or enter the full number manually.
- 5 Edit the message, if needed, and tap **Send**.


To delete a message

- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Tap the desired conversation.
- 3 Touch and hold the message you want to delete, then tap **Delete message** > **Delete**.



To delete conversations

- 1 From your Home screen, tap , then tap **Messaging**.
- 2 To delete all conversations, press , then tap **Delete threads**.
- 3 To delete one conversation, tap and hold the desired conversation and select **Delete thread**.


To save a sender's number to a contact

- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Tap and hold a conversation.
- 3 Tap **Add to Contacts**.
- 4 Select an existing contact, or tap **Create new contact** if you want to create a new contact.
- 5 Edit the contact information and tap **Done**.

To call a message sender



- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Tap a conversation.
- 3 Press , and tap **Call**.

To save a file contained in a message you receive



- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Tap the desired conversation.
- 3 If the message has not been downloaded yet, tap the message, then tap **Download**.
- 4 Touch and hold the file you want to save, then select the desired option.

Text and multimedia message options

To change the notification settings for messages

- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Press , then tap **Settings**. Mark the **Notifications** checkbox.
- 3 If desired, tap **Select ringtone** and select a notification sound.
- 4 If desired, tap **Vibrate** and select an option.

To change the delivery report settings for outgoing messages


- 1 From your Home screen, tap , then tap **Messaging**.
- 2 Press , then tap **Settings**.
- 3 Tap **Delivery reports** to activate or deactivate the delivery report option.

Email

Use the **E-mail** application in your phone to send and receive emails through your regular email account or through your corporate account. Or you can do both. Your phone can handle several email accounts at the same time. You can set up these accounts to run through one combined inbox, or through separate inboxes.





- ! Gmail™ has its own application, but it can also be combined in an inbox with other email accounts.
- 💡 Your corporate Microsoft® Outlook® email messages have to be stored on a Microsoft® Exchange server for the functionality described above to work. See *Synchronizing your corporate email, calendar and contacts* on page 43 for more information.

To set up an email account in your phone



- 1 From your Home screen, tap .
 - 2 Find and tap **E-mail**.
 - 3 Enter your email address and password, then tap **Next**.
 - 4 If the settings for the email account cannot be downloaded automatically, complete the setup manually.
- ! If you need to enter the settings manually, contact your email service provider for the correct email account settings. For corporate email, select **Exchange** as the account type.
 - 💡 You can set up more than one email account. See *To add an extra email account in your phone* on page 36.

Using e-mail


To create and send an e-mail message

- 1 From your Home screen, tap , then find and tap **E-mail**.
- 2 If you are using several email accounts, tap the account you want to send the message from.
- 3 Press , then tap **Compose**.
- 4 Tap **To** and start typing the recipient's email address. Matches are displayed in a dynamic list.
- 5 Tap the relevant match or continue typing the complete email address. To add more recipients, enter a "," or a ";" and start typing another email address. To delete a recipient, tap the  key.
- 6 Tap **Subject** and enter the email subject.
- 7 Tap the body text field and enter your message text.
- 8 To attach a file, press , then tap **Add attachment**. Select the type of file, then tap the file you want to attach.
- 9 Tap **Send**.


To receive email messages

- 1 From your Home screen, tap .
 - 2 Tap **E-mail**.
 - 3 If you are using several email accounts, tap the account that you want to check. If you want to check all your email accounts at once, tap **Combined Inbox**.
 - 4 To download new messages, press , then tap **Refresh**.
- 💡 For corporate accounts set to push mode, you do not have to refresh the inbox. When push mode is enabled, your phone is updated automatically when new emails are received.


To read your email messages

- 1 From your Home screen, tap .
- 2 Find and tap **E-mail**.
- 3 If you are using several email accounts, tap the account you want to check. If you want to check all your email accounts at once, tap **Combined Inbox**.
- 4 In the email inbox, scroll up or down and tap the email you want to read.


To view an email message attachment

- 1 From your Home screen, tap .
- 2 Find and tap **E-mail**.
- 3 Find and tap the desired message in your email inbox.
- 4 If necessary, scroll down in the email preview pane to see the attachment. Tap **Open** or **Save** next to it.



To save a sender's email address to your contacts

- 1 From your Home screen, tap .
- 2 Find and tap **E-mail**.
- 3 Find and tap the desired message in your email inbox.
- 4 Tap the name of the sender at the top of the screen.
- 5 Tap **OK** when you are prompted to add the name to your contacts.
- 6 Select an existing contact, or tap **Create new contact** if you want to create a new contact.
- 7 Edit the contact information and tap **Done**.


To reply to an email message


- 1 From your Home screen, tap .
- 2 Tap **E-mail**.
- 3 In your email inbox, touch and hold the message you want to reply to.
- 4 Tap **Reply** or **Reply all**.
- 5 Enter your reply, then tap **Send**.

To forward an email message



- 1 From your Home screen, tap .
- 2 Tap **E-mail**.
- 3 Tap the message you want to forward.
- 4 Press , then tap **Forward**.
- 5 Tap **To** and enter the recipient's address.
- 6 Enter your message, then tap **Send**.

To delete email messages

- 1 From your Home screen, tap .
- 2 Tap **E-mail**.
- 3 In your email inbox, mark the checkboxes for the messages you want to delete, then tap **Delete**.




 You can also delete a message from your messages list if you touch and hold it, and then tap **Delete**.

To change the inbox checking frequency



- 1 From your Home screen, tap .
- 2 Find and tap **E-mail**.
- 3 If you have set up more than one email account, tap the account you want to adjust.
- 4 Press , then tap **Account settings > Inbox check frequency** and select an option.

Using email accounts



To add an extra email account in your phone

- 1 From your Home screen, tap .
 - 2 Find and tap **E-mail**.
 - 3 Press , then tap **Accounts**.
 - 4 Press , then tap **Add account**.
 - 5 Enter the email address and password, then tap **Next**. If the settings for the email account cannot be downloaded automatically, complete the setup manually.
- 💡 If you have more than one email account in your phone, you will see a list of your accounts when you open the **E-mail** application. Just tap the name of the account you want to open.

To set an email account as your default account

- 1 From your Home screen, tap .
 - 2 Find and tap **E-mail**.
 - 3 Tap the account you want to use as the default account for composing and sending email.
 - 4 Press , then tap **Account settings**.
 - 5 Mark the **Default account** checkbox.
- 💡 If you only have one email account, then this account is automatically the default account.


To remove an email account from your phone

- 1 From your Home screen, tap .
- 2 Find and tap **E-mail**.
- 3 If you have several email accounts in your phone, go to step 4. If you only have one email account, press , then tap **Accounts**.
- 4 Touch and hold the account you want to remove, then tap **Remove account** > **OK**.

Gmail™ and other Google™ services

If you have a Google™ account, you can use the Gmail™ application in your phone to read, write and organize email messages. After you set up your Google™ account to work in your phone, you can also chat to friends using the Google Talk™ application, synchronize your phone calendar application with your Google Calendar™, and download applications and games from Android Market™.

To set up a Google™ account in your phone

- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **Accounts & sync** > **Add account** > **Google™**.
 - 3 Follow the registration wizard to create a Google™ account, or sign in if you already have an account. Your phone is now ready to use with Gmail™, Google Talk™ and Google Calendar™.
- 💡 You can also sign in or create a Google™ account from the setup guide the first time you start your phone. Or you can go online and create an account at www.google.com/accounts.

To open the Gmail™ application

- 1 From the Home screen, tap .
- 2 Find and tap **Gmail™**.


Google Talk™

You can use Google Talk™ instant messaging in your phone to chat with friends who also use this application.

To start Google Talk™

- 1 From the Home screen, tap .
- 2 Find and tap **Talk**.

To reply to an instant message with Talk

- 1 When someone contacts you on **Talk**,  appears in the status bar.
- 2 Drag the status bar downwards, then tap the message and begin to chat.

Android Market™

Open Android Market™ and enter a world of applications and games. You can browse these applications and games through "top downloads" and other categories. You can also rate an application or game and send feedback on it.

To use Android Market™, you need to have a Google™ account. See *To set up a Google™ account in your phone* on page 36.

! Android Market™ may not be available in all countries or regions

To open Android Market™

- 1 From the Home screen, tap .
- 2 Find and tap **Market**.

Downloading from Android Market™

You can download all kinds of applications from Android Market™, including free applications. If you pay for an application through Google Checkout™, the application is tied to your Google™ account so that it can be installed an unlimited amount of times on any device.

Before you download applications

Before you start downloading from Android Market™, make sure that you have a working Internet connection.

Also, remember that you might incur data traffic charges when you download content to your phone. Contact your operator for more information.


To download a free application

- 1 In Android Market™, find an item you wish to download by browsing categories, or by using the search function.
- 2 Tap the item to view its details, and follow the instructions to complete the installation.
- 3 If the application you want to download requires access to your data or control of any functions on your phone, an additional screen appears with details. Read this screen carefully because the functionality of your phone may be seriously affected if you proceed. Tap **OK** if you agree, or **Cancel** if you wish to cancel the download.

To download a paid application

- 1 In Android Market™, find an item you wish to download by browsing categories, or by using the search function.
- 2 Tap the item to view its details.
- 3 Tap **Buy**.
- 4 Enter your username and password to log in to Google Checkout™. You can use your Google™ account, or create a new Google Checkout™ account.
- 5 Once you are logged in, follow the instructions in your phone to complete your purchase.

To open a downloaded application

- 1 In Android Market™, press , then tap **My apps**.
- 2 Tap the downloaded application.


💡 You can also access downloaded applications from the applications screen.

Clearing your application data

You may sometimes need to clear data for an application. This might happen if, for example, the application memory becomes full, or you want to clear high scores for a


game. You might also want to erase incoming email, text and multimedia messages in some applications.

To clear all cache for an application

- 1 From the Home screen, tap .
- 2 Find and tap **Settings**.
- 3 Tap **Applications > Manage applications**.
- 4 Tap the desired application.
- 5 Tap **Clear cache**.

! It is not possible to clear the cache for some applications.

To delete an installed application


- 1 From the Home screen, tap .
- 2 Find and tap **Settings**.
- 3 Tap **Applications > Manage applications**.
- 4 Tap the desired application.
- 5 Tap **Uninstall**.

! It is not possible to delete some preinstalled applications.

Permissions

Some applications need to access parts of your phone to be able to work properly. For example, a navigation application needs permissions to send and receive data traffic, and access your location. Some applications might misuse their permissions by stealing or deleting data, or reporting your location. Make sure you only install and give permissions to applications you trust.


To view permissions of an application

- 1 From the Home screen, tap .
- 2 Find and tap **Settings**.
- 3 Tap **Applications > Manage applications**.
- 4 Tap the desired application.
- 5 Scroll down to view **Permissions**.

Installing applications from unknown sources

Installing applications of unknown or unreliable origin can damage your phone. By default, your phone is set to block such installations. However, you can change this setting and allow installations from unknown sources.

To allow the installation of applications from unknown sources

- 1 From the Home screen, tap .
- 2 Find and tap **Settings > Applications**.
- 3 Mark the **Unknown sources** checkbox.

Getting organized



Calendar

Your phone has a calendar for managing your time schedule. If you have a Sony Ericsson account or a Google™ account, you can also synchronize your phone calendar with your web calendar. See *Synchronizing* on page 43.



Before using the calendar

Before using the calendar, you need to create a Google™ account. Follow the relevant instructions in the phone or refer to *To set up a Google™ account in your phone* on page 36. After you have set up the Google™ account, you need to synchronise your calendar.




To set the calendar view



- 1 From the Home screen, tap , then tap **Calendar**.
- 2 Press  and select **Day**, **Week**, or **Month**.

To view multiple calendars


- 1 From your Home screen, tap , then tap **Calendar**.
- 2 Press , then tap **More > Calendars**.
- 3 Select the calendars you want to view.

To create a calendar event



- 1 From your Home screen, tap , then tap **Calendar**.
- 2 Press , then tap **More > New event**.
- 3 Enter the name, time, location and description for the event.
- 4 If desired, select another option under **Repetition**.
- 5 Select a reminder for the event. To add a new reminder for the event, tap .
- 6 Tap **Done**.

-  When the appointment time approaches, your phone plays a short sound to remind you. Also,  appears in the status bar.



To view a calendar event

- 1 From the Home screen, tap , then tap **Calendar**.
- 2 Tap the event you want to view.

To dismiss an event reminder

- 1 When the reminder icon  appears in the status bar, drag the status bar downwards. The Notification panel opens.
- 2 Tap the desired event.
- 3 Press .

To change the calendar settings

- 1 From the Home screen, tap , then tap **Calendar**.
- 2 Press , then tap **More > Settings**.
- 3 Select the setting you want to change.



Alarm clock

You can use your phone as an alarm clock. You can use any sound in your phone as an alarm signal. If the phone is set to silent mode, the alarm signal will still sound.



To open the alarm clock


- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .

To set a new alarm



- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap **Add alarm**.
- 5 Select a time and tap **Set**.

To edit an existing alarm



- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap one of the alarms.
- 5 Tap **Time**.
- 6 Adjust the time by tapping **+** or **-**.
- 7 Tap **AM** to change to **PM**, or vice versa.
- 8 Tap **Set**.

-  The phone's general time settings determine whether a 12- or 24-hour format is displayed for the alarm.



To deactivate an alarm

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap one of the marked alarms.
- 5 Unmark the **Turn alarm on** checkbox.



To activate an existing alarm

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap one of the unmarked alarms.
- 5 Mark the **Turn alarm on** checkbox.



To delete an alarm

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap the desired alarm.
- 5 Tap **Delete**.



To set the ringtone for an alarm

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap one of the alarms.
- 5 Tap **Ringtone**.
- 6 Select an option.
- 7 Tap **OK**.



To set a recurring alarm

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap one of the alarms.
- 5 Tap **Repeat**.
- 6 Mark the checkboxes for the desired days, then tap **OK**.


To set the title for an alarm

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap one of the alarms.
- 5 Tap **Label**.
- 6 Enter a name.
- 7 Tap **OK**.

To activate the vibrating function for an alarm

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap .
- 4 Tap one of the alarms.
- 5 Mark the **Vibrate** checkbox.

To set the alarm to sound when phone is in silent mode

- 1 From your Home screen, tap .
- 2 Find and tap **Clock**.
- 3 Tap , then press .
- 4 Tap **Settings**.
- 5 Mark the **Alarm in silent mode** checkbox.

To turn off or snooze an alarm when it sounds

- When the alarm sounds, tap **Snooze** to snooze it, or tap **Dismiss** to turn it off.

Synchronizing

Reach your personal online information from your phone. For example, you can access both your private and work email messages, contacts, and calendar events. Synchronizing your phone with other information sources is an easy and practical way to stay up to date. You can sync your phone with:


- Gmail™, Google Calendar™ and Google™ contacts.
- corporate email, contacts and calendar applications.

Synchronizing with Google™



Synchronize your Gmail™, Google Calendar™, and Google™ contacts. View and manage them from your phone just as easily as you would from a computer.

After synchronizing, you can find the following information here: Gmail™ in the **Gmail™** application, Google Calendar™ in the **Calendar** application, and Google™ contacts in **Contacts** application.


To set up a Google™ account in your phone for synchronization

- 1 From your Home screen, tap .
- 2 Tap **Settings > Accounts & sync**.
- 3 Make sure the **Auto-sync** checkbox is marked.
- 4 Tap **Add account > Google™**.
- 5 Follow the registration wizard to create a Google™ account, or sign in if you already have an account.
- 6 Tap your newly created Google™ account and then tap the items you want to synchronize.

To synchronize manually with your Google™ account

- 1 From the Home screen, tap .
- 2 Tap **Settings > Accounts & sync**.
- 3 Tap the Google™ account you want to synchronize.
- 4 Press , then tap **Sync now**.

To remove a Google™ account from your phone

- 1 From the Home screen, tap .
- 2 Tap **Settings > Accounts & sync**.
- 3 Tap the Google™ account you want to remove from the accounts list.
- 4 Tap **Remove account**.
- 5 Tap **Remove account** again to confirm.



- ! You can remove all your Google™ accounts from the accounts list, except for the first one. To remove the first account, you have to completely reset your phone. See *Resetting the phone* on page 78.

Synchronizing your corporate email, calendar and contacts


Access your corporate email messages, calendar appointments and contacts directly from your phone. View and manage them just as easily as you would from a computer. After setup, you can find your information in the **E-mail**, **Calendar** and **Contacts** applications.

- ! For you to access the functionality described above, your corporate information must be stored on a Microsoft® Exchange server.


To set up corporate email, calendar and contacts in your phone

- 1 From your Home screen, tap .
 - 2 Tap **Settings > Accounts & sync**.
 - 3 Make sure the **Auto-sync** checkbox is marked.
 - 4 Tap **Add account > Corporate**.
 - 5 Enter your corporate email address and password.
 - 6 Tap **Next**.
 - 7 If the settings for your corporate account are not found automatically, complete the setup manually. Contact your corporate network administrator if you need more information.
 - 8 When the setup is done, enter a name for this corporate account, so that it is easily identifiable. Then tap **Done**.
-  The domain name is often the same as your company name.


To edit the setup of corporate email, calendar and contacts

- 1 From your Home screen, tap .
- 2 Tap **Settings > Accounts & sync** and select your corporate account.
- 3 Tap **Account settings**.
- 4 Change the settings to suit your needs. For example, you can decide:
 - how often the phone should check for new email messages.
 - to get your corporate calendar and contacts in your phone.
 - server settings in **Incoming settings**.

To set a synchronization interval

- 1 From your Home screen, tap .
- 2 Tap **Settings > Accounts & sync** and select your corporate account.
- 3 Tap **Account settings**.
- 4 Tap **Inbox check frequency** and select an interval option that suits you.

To remove a corporate account from your phone

- 1 From your Home screen, tap .
- 2 Tap **Settings > Accounts & sync**, then tap your corporate account.
- 3 Tap **Remove account**.
- 4 Tap **Remove account** again to confirm.

Connecting to wireless networks

You can access the Internet wirelessly from your phone using Wi-Fi® technology. This way you can browse the web and access cheaper call and data rates.

If your company or organization has a virtual private network (VPN), you can connect to this network with your phone. You can use a VPN to access intranets and other internal services at your company.

Wi-Fi®

Using Wi-Fi® technology you can access the Internet wirelessly with your phone. To access the Internet using a Wi-Fi® connection, you first need to search for and connect to an available Wi-Fi® network. The signal strength of the Wi-Fi® network may differ depending on your phone's location. Moving closer to the Wi-Fi® access point may increase the signal strength.

Before using Wi-Fi®





To browse the Internet using a Wi-Fi® connection, you need to search for and connect to an available Wi-Fi® network and then open the Internet browser. The signal strength of the Wi-Fi® network may differ depending on your phone's location. Move closer to the Wi-Fi® access point to increase the signal strength.

To turn on Wi-Fi®

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks**.
- 3 Mark the **Wi-Fi** checkbox. The phone scans for available Wi-Fi® networks.

! It may take a few seconds before Wi-Fi® is enabled.

To connect to a Wi-Fi® network

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 3 Available Wi-Fi® networks are displayed under **Wi-Fi networks**. The available networks may be open or secured. Open networks are indicated by  and secured networks are indicated by  next to the Wi-Fi® network name.
- 4 Tap a Wi-Fi® network to connect to it. If you are trying to connect to a secure Wi-Fi® network, you are asked to enter a password.  is displayed in the status bar once you are connected.

! Your phone remembers Wi-Fi® networks you connect to. The next time you come within reach of a previously connected Wi-Fi® network, your phone automatically connects to it.

💡 In some locations, open Wi-Fi® networks require you to log in to a web page before you can get access to the network. Contact the relevant Wi-Fi® network administrator for more information.

To connect to another Wi-Fi® network

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**. Detected Wi-Fi® networks are displayed in the **Wi-Fi networks** section.
- 3 Tap another Wi-Fi® network to connect to it.



Wi-Fi® network status

When you are connected to a Wi-Fi® network or when there are Wi-Fi® networks available in your vicinity, it is possible to see the status of these Wi-Fi® networks. You can also enable the phone to notify you whenever an open Wi-Fi® network is detected.

To enable Wi-Fi® network notifications

- 1 Turn on Wi-Fi®, if it is not already on.
- 2 From your Home screen, tap .
- 3 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 4 Mark the **Network notification** checkbox.


To scan for Wi-Fi® networks manually

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 3 Press .
- 4 Tap **Scan**. The phone scans for Wi-Fi® networks and displays available networks in a list.
- 5 Tap a Wi-Fi® network in the list to connect to it.


Advanced Wi-Fi® settings

Before you add a Wi-Fi® network manually, you need to turn on the Wi-Fi® setting in your phone.

To add a Wi-Fi® network manually

- 1 From the Home screen, tap .
 - 2 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
 - 3 Tap **Add Wi-Fi network**.
 - 4 Enter the **Network SSID** for the network.
 - 5 Tap the **Security** field to select a security type.
 - 6 If required, enter a password.
 - 7 Tap **Save**.
- ! Contact your Wi-Fi® network administrator to get the **Network SSID** name and **Wireless password**.

To view detailed information about a connected Wi-Fi® network




- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 3 Tap the Wi-Fi® network that you are currently connected to. Detailed network information is displayed.

Wi-Fi® sleep policy

By adding a Wi-Fi® sleep policy, you can specify when to switch from Wi-Fi to mobile data.

- ! If you are not connected to a Wi-Fi® network, the phone uses mobile data connection to access the Internet (if you have set up and enabled a mobile data connection in your phone).






To add a Wi-Fi® sleep policy

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 3 Press .
- 4 Tap **Advanced** .
- 5 Tap **Wi-Fi sleep policy**.
- 6 Select a **Wi-Fi sleep policy** to use.

Using a static IP address

You can set up the phone to connect to a Wi-Fi® network using a static IP address.

To set up a static IP address

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
- 3 Press .
- 4 Tap **Advanced** .
- 5 Mark the **Use static IP** checkbox.
- 6 Tap and enter the information needed for your Wi-Fi® network:
 - **IP address**
 - **Gateway**
 - **Netmask**
 - **DNS 1**
 - **DNS 2**
- 7 Press  and tap **Save** .

Sharing your phone's mobile data connection

You can share your phone's mobile data connection with a single computer using a USB cable. This process is called USB tethering. You can also share your phone's data connection with up to eight devices at once, by turning your phone into a portable Wi-Fi® hotspot.

When your phone is sharing its data connection, the following icons may appear in the status bar or in the Notification panel:



USB tethering is active




Portable Wi-Fi® hotspot is active



Both USB tethering and portable hotspot are active

To share your phone's data connection using a USB cable

- 1 Use the USB cable that came with your phone to connect your phone to a computer.
- 2 From your Home screen, tap .
- 3 Find and tap **Settings** > **Wireless & networks** > **Tethering & portable hotspot**.
- 4 Mark the **USB tethering** check box. The phone starts sharing its mobile network data connection with the computer over the USB connection. An ongoing notification appears in the status bar and the Notification panel.
- 5 Unmark the **USB tethering** checkbox, or disconnect the USB cable to stop sharing your data connection.


! You cannot share your phone's data connection and SD card over a USB cable at the same time. If you are using your USB connection to make your SD card available to your computer, you must first deactivate this connection before you can start sharing your phone's data connection. See *Connecting your phone to a computer* on page 69.

💡 You may need to prepare your computer to establish a network connection via USB cable. Go to android.com/tether for the most current information about which operating systems support USB tethering and how to configure them.

To share your phone's data connection as a portable Wi-Fi® hotspot

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Tethering & portable hotspot**.
- 3 Tap **Portable Wi-Fi hotspot settings** > **Configure Wi-Fi hotspot**.
- 4 Enter the **Network SSID** for the network. Tap the **Security** field to select a security type.
- 5 If required, enter a password.
- 6 Tap **Save**.
- 7 Mark the **Portable Wi-Fi hotspot** checkbox, then tap **Turn on Mobile Hotspot**. The phone starts broadcasting its Wi-Fi® network name (SSID). You can now connect to this network with up to 8 computers or other devices.
- 8 Unmark the **Portable Wi-Fi hotspot** checkbox when you want to stop sharing your data connection via Wi-Fi®.

To rename or secure your portable hotspot



- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Tethering & portable hotspot**.
- 3 Make sure the **Portable Wi-Fi hotspot** checkbox is marked.
- 4 Tap **Portable Wi-Fi hotspot settings** > **Configure Wi-Fi hotspot**.
- 5 Enter the **Network SSID** for the network.
- 6 Tap the **Security** field to select a security type.
- 7 If required, enter a password.
- 8 Tap **Save**.

Virtual private networks (VPNs)

Use your phone to connect to virtual private networks (VPNs), which allow you to access resources inside a secured local network from outside the actual network. For example, VPN connections are commonly used by corporations and educational institutions for users who need to access intranets and other internal services when they are outside of the internal network, for example, when they are traveling.

VPN connections can be set up in many ways, depending on the network. Some networks may require you to transfer and install a security certificate in your phone. See *Connecting your phone to a computer* on page 69 for more information on how to transfer content to your phone. For detailed information on how to set up a connection to your virtual private network, please contact the network administrator of your company or organization.

To add a virtual private network

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **VPN settings**.
- 3 Tap **Add VPN**.
- 4 Select the type of VPN to add.
- 5 Enter your VPN settings.
- 6 Press  and tap **Save**.

To connect to a virtual private network

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **VPN settings**.
- 3 In the list of available networks, tap the VPN you want to connect to.
- 4 Enter the required information.
- 5 Tap **Connect**.



To disconnect from a virtual private network

- 1 Drag the status bar downwards.
- 2 Tap the notification for the VPN connection to turn it off.

Web browser







Use your web browser to view and navigate web pages, add pages as bookmarks, and create shortcuts to them from the applications screen. You can open several browser windows at the same time and use the zoom function when navigating a web page.

To open the web browser

- 1 From the Home screen, tap .
- 2 Find and tap **Browser** .

Toolbar

The toolbar options make browsing easy:

- | | |
|---|---|
|  | Open a new browser window |
|  | Add, open or edit a bookmark. View your most visited web pages or open web pages from the browser history |
|  | View open windows |
|  | Refresh the current web page |
|  | Go forward one page in the browsing history |
|  | Open a menu to see more options |

To open the toolbar

- From the browser, press .



Browsing the web

Search and address bar


Use the search and address bar to browse the web:




- 1 View the download progress of the current web page
- 2 Enter a search word to search for a web page, or enter a web page address to load a web page
- 3 Cancel the download of the current web page

-  When a page has finished downloading, you can bookmark it by tapping the bookmark icon  next to the search and address bar.


To go to a web page

- 1 In your Browser, tap the text field in the search and address bar to activate the keypad.
- 2 Enter a web address.
- 3 Tap .

To search a web page

- 1 Tap the search and address text field to activate the keypad.
- 2 Enter a search word.
- 3 Tap .

To exit the web browser

- While browsing, press .
- 💡 When you open the browser again, the browser appears exactly as it did before you exited, that is, with the same number of windows, position and zoom levels.

Navigating web pages

To select a link



- To select a link in a web page, tap the link. The selected link is highlighted in orange, and the web page is loaded when you release your finger.
- 💡 If you select a link by mistake before releasing your finger, you can deselect it by dragging your finger away until the link is no longer highlighted.

To go to the previous page while browsing

- Press .

To zoom in or out on a web page


Use one of the following methods to zoom in or out on a web page:

- 1 Use two fingers to pinch the screen.
- 2 Double-tap anywhere on the web page.
- 3 Tap the  icon to zoom in, or tap  to zoom out.


To reload the current web page

- 1 Press .
- 2 Tap **Refresh**

To add a webpage shortcut to your Home screen

- 1 When viewing a web page, press .
- 2 Tap **Bookmarks > Add**.
- 3 If desired, you can edit the name and the web address. Tap **OK**.
- 4 Tap and hold the bookmark to open a menu.
- 5 Tap **Add shortcut to Home**.



To share a link to the current web page

- 1 While browsing, press .
- 2 Tap **More > Share page**.
- 3 Select an available transfer method, and follow the on-screen instructions.


Managing bookmarks

Bookmarks let you access your favorite and frequently visited web pages quickly. Depending on your network operator, some bookmarks may be preinstalled on your phone.


To bookmark a web page

- 1 While you are viewing a web page, press .
 - 2 Tap **Bookmarks > Add**.
 - 3 If desired, you can edit the name and the web address.
 - 4 When you are done, tap **OK**.
- 💡 To quickly bookmark a web page you can also tap the  icon to the right of the search and address field.


To open a bookmark

- 1 From the **Browser** screen, press .
- 2 Tap **Bookmarks**.
- 3 Tap the bookmark you want to open.



To edit a bookmark

- 1 From the **Browser** screen, press .
- 2 Tap **Bookmarks**.
- 3 Touch and hold a bookmark to open a menu.
- 4 Tap **Edit bookmark**.
- 5 Edit the name and the web address, as desired.
- 6 Tap **OK**.

To delete a bookmark



- 1 From the **Browser** screen, press .
- 2 Tap **Bookmarks**.
- 3 Touch and hold a bookmark to open a menu.
- 4 Tap **Delete bookmark** to delete the selected bookmark.

To bookmark a previously visited web page


- 1 From the **Browser** screen, press .
- 2 Tap **Bookmarks**.
- 3 Tap the **History** tab, or the **Most visited** tab, to view a list of previously visited web pages.
- 4 Tap the  icon to the right of the web page you want to add as a bookmark.

Managing text and images

To find text within a web page

- 1 When you are viewing a web page, press .
- 2 Tap **More > Find on page**.
- 3 Enter your search text. Matching characters appear highlighted in green.
- 4 Tap the left or right arrow to go to the previous or next matching item.
- 5 Tap  to close the search bar.

To copy text from a web page

- 1 Locate the text you want to copy.
- 2 Press .
- 3 Tap **More > Select text**.
- 4 Place your finger at the start of the text you want to copy and then drag to the end of the text you want to copy. Copied text is highlighted in pink.
- 5 Release your finger from the screen.
- 6 To paste text in an email, text message or multimedia message, touch and hold the text box on a message or email and tap **Paste** in the menu.


To save an image

- 1 Touch and hold the desired image until a menu appears.
- 2 Tap **Save image**.

Multiple windows

Your browser can run in up to eight different windows at the same time. You can, for example, log in to your webmail in one window and read today's news in another. You can easily switch from one window to another.


To open a new browser window

- 1 From the **Browser** screen, press .
- 2 Tap **New window**.

To open a link in a new browser window

- 1 Touch and hold a link until a menu appears.
- 2 Tap **Open in new window**.


To switch between browser windows

- 1 From the **Browser** screen, press .
- 2 Tap **Windows** to see a list of all open windows.
- 3 Tap the window you want to switch to.


Downloading from the web

You can download applications and content when you browse the web using the web browser in your phone. Usually you have to touch a download link for the desired file and the download then starts automatically.

To view your downloaded files


- 1 From the **Browser** screen, press .
- 2 Tap **More > Downloads**.

To cancel an ongoing download

- 1 When the Browser is open, press .
- 2 Tap **More > Downloads**.
- 3 Mark the checkbox beside the downloading file you want to delete.
- 4 Tap **Cancel**.

Browser settings


To change your browser settings

- 1 From the **Browser** screen, press .
- 2 Tap **More > Settings**.

Auto-fitting web pages

The auto-fit option makes it easier for you to read large websites with text and images, such as news sites. For example, if you zoom in on a web page when auto-fit is enabled, the text automatically adjusts to the new screen size. If auto-fit is disabled, you might need to scroll sideways to read a full sentence.

To auto-fit web pages

- 1 From the **Browser** screen, press .
- 2 Tap **More > Settings > Auto-fit pages**.

Music

Get the most out of your music player. Listen to and organize music, audio books and podcasts you have transferred to your memory card from a computer, or purchased and downloaded from online stores.

Copying music files to your memory card


The music player in your phone plays music stored on your phone's memory card. Copy all your favorite music content from your computer to the memory card and start using the music player to the full. Use a USB cable to connect your phone to a computer.

See *To drag and drop content between your phone and a computer* on page 69

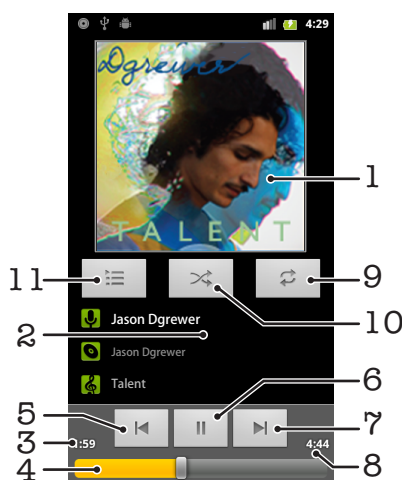
See *Connecting your phone to a computer* on page 69 for more general information about connecting your phone and transferring files.

Using the music player

To play audio content

- 1 From your Home screen, tap .
- 2 Tap **Music**.
- 3 Select either **Artists**, **Albums**, **Songs** or **Playlists**.
- 4 Browse to a track.
- 5 Tap a track to play it.

Music player overview



- | | |
|----|--|
| 1 | Cover art (if available) |
| 2 | Touch and hold to search for information |
| 3 | Elapsed time of the track currently playing |
| 4 | Progress indicator. Fast forward or rewind by dragging or tapping |
| 5 | Previous key. Go to the previous track, or to the beginning of the track in the current playlist |
| 6 | Play/Pause key |
| 7 | Next key. Go to the next track in the current playlist |
| 8 | Total time of the track |
| 9 | Repeat. Restart the current play queue when the last track ends. Touch again to replay the current track |
| 10 | Shuffle. Play tracks in the current playlist in random order |

To change tracks

- In the music player, tap  or .

To pause a track

- In the music player, tap .

To fast forward and rewind music


- In the music player, touch and hold  or .

- 💡 You can also drag the progress indicator marker right or left.



To adjust the audio volume


- Press the volume key.

To search for music


- 1 In the music player, select either **Artists**, **Albums**, **Songs** or **Playlists**, as desired.
- 2 Press .
- 3 Select **Search Music**.

To listen to the music player while using other applications

- 1 Press  or  to leave the music player.
- 2 Open and use other applications while the music player is playing in the background.

- 💡 Alternatively, you can press and hold down  to access the most recently used applications.

To return to the music player when it is playing in the background

- 1 Drag the status bar downward to open the Notification panel.
 - 2 Tap the title of the current track to open the music player.
- 💡 If you have recently used the music player, press and hold  and then tap **Music** to open the player.





To delete a track

- 1 When browsing your tracks in the music player library, touch and hold a track title.
 - 2 Tap **Delete**.
- 💡 You can also delete albums and playlists this way.

Playing music in random order


You can play tracks in playlists in random order. A playlist can be, for example, a playlist you have created yourself, or an album.

To play tracks in random order

- 1 In the music player, tap  and navigate to an album. Or tap  and browse to a playlist.
- 2 Open the album or playlist by tapping its name.
- 3 Press .
- 4 Tap .

To use a music track as a ringtone

- 1 In the music player, touch and hold a track you want to use as your ringtone.
- 2 Tap **Use as phone ringtone**.

💡 You can also add the track that is currently playing as a ringtone. Press  and tap **Use as phone ringtone**.

Playlists

You can group several tracks together and save them as playlists. Then you can listen to them in a fixed order, or in random order. Find your playlist by tapping the **Playlists** tab in the audio library.

💡 If you have playlists on a computer, you can copy them to the memory card in your phone and play them with the music player. The playlists should be in M3U, WPL or PLS format.

To create your own playlist

- 1 In the music player, touch and hold a track you want to add to a playlist, then tap **Add to playlist**.
- 2 Tap **New**.
- 3 Enter a name and tap **Save**.

To play your own playlists

- 1 In the music player, tap a playlist.
- 2 Tap a track to play it. The music player starts to play the playlist tracks in order until the end.

To add a track to a playlist

- 1 In the music player, touch and hold a track you want to add to a playlist.
- 2 Tap **Add to playlist**.
- 3 Tap the name of the playlist to add the track to. The track is added to the playlist.

To delete a playlist

- 1 In the music player, select **Playlists**.
- 2 Touch and hold the playlist you want to delete.
- 3 Tap **Delete**.

Taking photos and recording videos

Take a photo or record a video with the camera in your phone. You can hold the camera horizontally or vertically. Use the front camera to take self-portraits. Photos and videos are saved automatically on the memory card. Share a photo or a video with friends, or upload your photos and videos to a web service.


Viewfinder and camera controls



- 1 View all photos and videos shot by your camera
- 2 Switch between still and video camera
- 3 Take photos or record video clips
- 4 Switch between the front and back camera

Using the camera

To activate the camera

- 1 From the Home screen, tap .
- 2 Tap **Camera**.

To switch between the still and video cameras




- In the camera viewfinder, tap  or .

To close the camera

- Press .

Using the still camera


To take a photo

- 1 Activate the camera.
- 2 If the still camera is not selected, drag  to .
- 3 Point the camera toward the subject.
- 4 Touch and hold  to use auto focus. When the focus frame turns green, lift your finger to take the photo. The photo is automatically saved on the memory card and will appear as a thumbnail at the top right of the viewfinder.

To view previously taken photos




- 1 In the camera viewfinder, tap the thumbnails at the top right.
- 2 Flick left or right to browse the photos and videos.

To share a photo

- 1 When you are viewing a photo in the photo viewer, press  if no controls are displayed.
- 2 Tap **Share**.
- 3 Select one of the available transfer methods.

Using still camera settings

To adjust the still camera settings

- 1 Activate the camera.
- 2 If the still camera is not selected, drag  to .
- 3 In the viewfinder, tap one of the five settings icons.
- 4 Select the setting you want, then press  to return to the viewfinder.

Still camera settings



Touch to open a scrolling list of settings that contains the following:

Focus mode

The focus settings control which part of a photo should be sharp. Select from one of the three focus modes:

Auto Use for focus automatically

Infinity Use when taking photos from a distance. Focus is set on subjects far away. Subjects close to the camera may be blurred

Macro Use for extreme close-up photos

Exposure

Adjust the exposure for the photos you take.

Scene mode

Use the Scenes feature to quickly set up the camera for common situations using pre-programmed scenes. The camera determines a number of settings for you to fit the selected scene, ensuring the best possible photo

Auto The camera automatically adjusts settings for a photo

Action Use for photos of fast-moving objects. Short exposure time minimizes motion blurring

Portrait Use for portrait photos. Settings are optimized to give slightly softer skin tones

Landscape Use for landscape photos. The camera focuses on distant objects

Night Use when taking photos at night or in poorly lit environments (without the photo light). Due to long exposure time, the camera must be held still or placed on a stable surface

Night portrait Use for portrait photos at night or in poorly lit environments (with or without the photo light). Due to long exposure time, the camera must be held still or placed on a stable surface

Beach Use when taking images on the beach to avoid underexposed photos

Snow Use when taking images in the snow to avoid underexposed photos

Picture size

Set the picture size for the photos you take. A photo with a higher resolution requires more memory

Picture quality

Select the desired quality for the photos you take

Color effect

Set special effects for the photos you take

Camera settings

Restore the camera settings to default

Store location

Select if you want the geographical location to be added when you take a photo



Off The geographical location is not added when you take a photo



On The geographical location is added when you take a photo

White balance

Select how the camera adjusts colors in different kinds of light, to achieve the most natural looking colors for your photos.



Auto

Adjust the color balance automatically to the lighting conditions



Incandescent


Adjust the color balance for bright lighting conditions, such as under light bulbs, or when lighting conditions change quickly



Daylight

Adjust the color balance for bright outdoor use

 **Fluorescent**
Adjust the color balance for fluorescent lighting


 **Cloudy**
Adjust the color balance for a cloudy sky

Flash mode

Select how the flash should be used

 **Auto** The camera relies on its light meter to decide whether or not a flash is necessary

 **On** Use the flash

 **Off**
Don't use the flash. Sometimes photo quality can be better without a flash, even if lighting conditions are poor. Taking a good photo without using the flash requires a steady hand.

Select camera

Select to use the camera on the back or the front of the phone



Back Use the back camera



Front Use the front camera

Tips when using the camera

Rule of thirds

Don't place your subject in the middle of the frame. By placing it a third of the way in, you achieve a better result.

Hold it steady

Avoid blurry photos by holding the camera steady. Try to steady your hand by leaning it against a solid object.

Get closer

By getting as close as possible to your subject, you can fill the viewfinder with your subject.

Stay within the flash range

Photos taken beyond the maximum flash range will be too dark. The maximum flash range is about four steps from the subject.

Consider variety

Think about different angles, and move towards the subject. Take some vertical photos. Try different positions.

Use a plain background





A plain background helps highlight your subject.

Keep your lens clean


Mobile phones are used in all kinds of weather and places, and carried in pockets and bags. This results in the camera lens becoming dirty and covered with fingerprints. Use a soft cloth to clean the lens.

Using the video camera

To record a video by tapping the screen




- 1 Activate the camera.
- 2 If the video camera is not selected, drag  to .
- 3 Tap  to start recording.
- 4 Tap  to stop recording. The video is automatically saved on the memory card.

To view previously recorded videos

- 1 In the camera viewfinder, tap the thumbnail at the top right.
- 2 Flick left or right to browse the photos and videos. Videos are identified by .

Using video camera settings

To adjust video camera settings

- 1 Activate the camera.
- 2 If the video camera is not selected, drag  to .
- 3 In the viewfinder, tap one of the five settings icons.
- 4 Select the setting you want, then press  to return to the viewfinder.

Video camera settings



Touch to open a scrolling list of settings that contains the following:

Color effect

Set special effects for the videos you record

Camera settings

Restore the camera settings to default

White balance

Select how the camera adjusts colors in different kinds of light, to achieve the most natural looking colors for your videos.



Auto

Adjust the color balance automatically to the lighting conditions



Incandescent

Adjust the color balance for bright lighting such as under light bulbs, or when lighting conditions change quickly



Daylight

Adjust the color balance for bright outdoor use



Fluorescent

Adjust the color balance for fluorescent lighting



Cloudy

Adjust the color balance for a cloudy sky

Flash mode

Select how the camera light should be used



On Use the light



Off

Don't use the camera light. Sometimes video quality can be better without the light, even if lighting conditions are poor.

Video quality

Select the video quality and maximum length combination appropriate for viewing on a computer or for sharing with others via Messaging or YouTube

Select camera

Select to use the camera on the back or the front of the phone



Back Use the back camera





Front Use the front camera

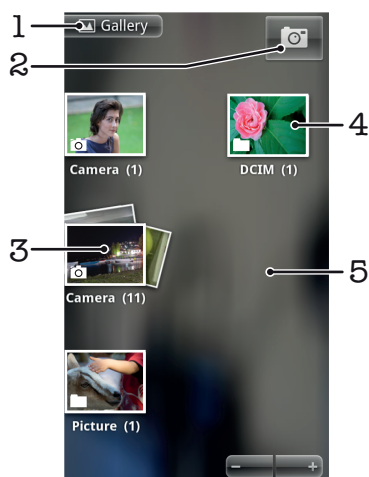
Viewing your photos and videos in Gallery

Use gallery to view photos and play videos that you've taken with your phone camera, or to view similar content that you've downloaded or copied to your memory card. In gallery, you can also view photos you've saved to an online service, for example, a Picasa™ web album.

From gallery, you can also share your favorite photos and videos with friends, via Bluetooth™ wireless technology, email or messaging, or by uploading them to online services such as the Picasa™ and YouTube™. You can perform basic editing tasks on photos and set them as your wallpaper or contact picture. For more information, see *Connecting your phone to a computer* on page 69.

To open Gallery and view your albums

- 1 From your Home screen, tap .
 - 2 Find and tap gallery. Photos and videos on your memory card, including those you've taken with the camera and those you downloaded from the web or other locations, appear in albums. If you have a Picasa™ account associated with a Google™ Account that you've added to your phone, and if you have configured it to sync with Picasa™, gallery also displays your Picasa™ web albums.
-  If the screen orientation does not change automatically when you turn the phone sideways, mark the **Auto-rotate screen** checkbox under **Settings > Display**.



- 1 Tap in any view to return to the main gallery screen
- 2 Tap to open the camera
- 3 An album of the photos and videos you shot using the camera.
- 4 Peek into a stack by touching it with two fingers and spreading them apart
- 5 Flick left or right on the screen to view more albums

Working with albums

Albums are groups of photos and videos in folders on your memory card or in Picasa™ web albums.




To open an album in Gallery

- Open gallery and tap the album you want to view. The album opens displaying its photo and video content in a chronologically ordered grid. The name of the album is shown at the top of the screen.





- 1 Tap to switch from grid to stack view
- 2 The name of the album
- 3 Tap a photo or video to view it
- 4 Tap an arrow to scroll a screen at a time. Drag left or right to scroll rapidly
- 5 Tap to return to the main gallery screen

To view photos and videos in Gallery

- 1 In Gallery, tap an album.
 - 2 Photos and videos are displayed in a chronologically ordered grid. Tap a photo or video to view it. Videos are indicated by .
 - 3 In the photo viewer, flick left to view the next photo or video. Flick right to view the previous photo or video.
 - 4 Return to the main gallery screen at any time by tapping  at the top left of the screen.
-  If the screen orientation does not change automatically when you turn the phone sideways, mark the **Auto-rotate screen** checkbox under **Settings > Display**.


To change how the contents of an album are displayed in Gallery

- 1 When viewing an album in gallery, drag the album view switch  to the right to view the contents of the album in stacks.
- 2 Drag the album view switch  to the left to view the album contents in a chronological grid.


Working with albums in Gallery

In addition to working with whole albums and with individual photos, you can select one or more photos or videos in an album to work on them in batches, for example, to send a few photos from an album to a friend.

To work with batches of photos or videos


- 1 Open the album containing the content you want to work with.
- 2 Press  twice.
- 3 Check or uncheck the items you want to work with. You can uncheck all items you've checked by tapping **Deselect All** at the top right of the screen.
- 4 Use the controls at the bottom of the screen to adjust the checked items. The controls available depend on the mix of items you've selected.

To share an album

- 1 Open the main gallery window.
- 2 Press  twice.
- 3 Check the albums you want to share.
- 4 Tap **Share** at the bottom of the screen.
- 5 In the menu that opens, tap the application you want to use to share the selected albums. The application that you selected opens with the photos or videos from the selected albums or links, attached to a new message.

! If you are sharing an album via Gmail™, do not delete the original of an attachment before the message is completely sent. Otherwise, the attachment will not be sent.

To delete an album

- 1 Open the main gallery window.
- 2 Press  twice.
- 3 Check or uncheck the albums you want to delete.
- 4 Tap **Delete** at the bottom of the screen. In the dialog that opens, tap **Confirm Delete**.

Working with photos

Use gallery to view photos that you've taken with the camera, downloaded, copied onto your memory card, or stored in online web albums. You can also edit the photos on your memory card and share them with friends.

To view photos

- 1 Open an album in Gallery, and tap a photo.
- 2 Flick left to view the next photo in the album. Flick right to view the previous photo.

To zoom a photo

- 1 When you are viewing a photo in the photo viewer, tap the photo to display the zoom controls.
 - 2 Tap one of the zoom controls.
- 💡 You can also double-tap a photo, or pinch two fingers together or spread them apart to zoom it in or out. Then drag the photo to view different parts of it.

To watch a slideshow of your photos

- 1 In the photo viewer, tap a photo to view the controls.
- 2 Tap **Slideshow**.
- 3 Tap a photo to end the slideshow.

To rotate a photo

- 1 When you are viewing a photo in the photo viewer, tap the photo to view the controls.
- 2 Tap **Menu > More**.
- 3 Tap **Rotate Left** or **Rotate Right**. The photo is saved with the new orientation.

To use a photo as a contact picture

- 1 When you are viewing a photo in the photo viewer, tap the screen to display the controls.
- 2 In the toolbar at the bottom of the screen, tap **Menu > More > Set as**.
- 3 Tap **Contact icon**.
- 4 Select the contact you want to associate with the photo.
- 5 Crop the photo if required.
- 6 Tap **Save**.


To use a photo as wallpaper

- 1 When you are viewing a photo in the photo viewer, tap the screen to display the controls.
- 2 In the toolbar at the bottom of the screen, tap **Menu > More > Set as**.
- 3 Tap **Wallpaper**.
- 4 Crop the photo if required.
- 5 Tap **Save**.

To crop a photo

- 1 When you are viewing a photo in the photo viewer, tap the screen to display the controls.
- 2 In the toolbar at the bottom of the screen, tap **Menu > More > Crop**.
- 3 To adjust the crop frame, touch and hold the edge of the crop frame. When crop arrows appear, drag inward to or outward from the center of the crop frame to resize it.
- 4 To resize all sides of the crop frame at the same time, touch and hold one of the four corners and then drag the frame.
- 5 To move the crop frame to another area of the photo, touch and hold inside the frame, then drag it to the desired position.
- 6 To save a copy of the photo as you cropped it, tap **Save**. The original uncropped version remains on your memory card.

To share a photo

- 1 When you are viewing a photo in the photo viewer, press  if no controls are displayed.
- 2 Tap **Share**.
- 3 Select one of the available transfer methods.

To delete a photo

- 1 When you are viewing a photo in the photo viewer, tap the screen to display the controls.
- 2 In the toolbar at the bottom of the screen, tap **Menu**.
- 3 Tap **Delete**.
- 4 In the dialog that opens, tap **Confirm Delete**.

Viewing your photos on a map

You can view on a map the location where a photo was taken. All you have to do is set your camera to add geographical location information. Show friends and family where you were, or find your way back to the location another time.

- ! To view a photo taken by the camera on a map, you must turn on location in the camera settings before you take the photo. You must also enable location features under **Settings > Location & security**. See *Location services* on page 70 for more information.

To view your photos on a map

- 1 When you are viewing a photo in the photo viewer, tap the screen to display the controls.
- 2 In the toolbar at the bottom of the screen, tap **Menu > More**.
- 3 Tap **Show on map**.


Working with videos

Use gallery to watch videos that you've taken with the camera, downloaded, or copied onto your memory card. You can also share your videos with friends, or upload them to YouTube™.

To play a video



- 1 In Gallery, open an album and tap a video.
 - 2 Turn the phone to view the video in upright (portrait) or sideways (landscape) orientation.
 - 3 Tap the video to view the playback controls.
- 💡 If the screen orientation does not change automatically when you turn the phone sideways, mark the **Auto-rotate screen** checkbox under **Settings > Display**.

To pause a video

- 1 When a video is playing, tap the screen to display the controls.
- 2 Tap .

To fast forward and rewind a video



- 1 When a video is playing, tap the screen to display the controls.
- 2 Drag the progress bar marker left to rewind, or right to fast forward.

💡 Alternatively, you can tap  or .


To adjust the volume of a video

- Press the volume key.

To share a video

- 1 Open a Gallery album containing a video.
 - 2 Press  twice.
 - 3 Check the video or videos you want to share.
 - 4 Press .
 - 5 Tap **Share**.
 - 6 In the menu that opens, tap the application you want to use to share the selected video.
- ! You might not be able to copy, send, or transfer copyright protected items. Also, some items might not send if the file size is too large.

To delete a video



- 1 Open a gallery album containing a video.
- 2 Press  twice.
- 3 Check the video or videos you want to delete.
- 4 Tap **Delete** at the bottom of the screen.
- 5 In the dialog that opens, tap **Confirm Delete**.

Bluetooth™ wireless technology

Turn on the Bluetooth™ function in your phone and create wireless connections to other Bluetooth™ compatible devices such as computers, handsfree accessories, and phones. Bluetooth™ connections work better within a 10 meter (33 feet) range, with no solid objects in between. In some cases you have to manually pair your phone with other Bluetooth™ devices. Remember to set your phone to discoverable if you want other Bluetooth™ devices to detect it. Alternatively, you can send files to other devices by email, or transfer them to your computer using a USB cable connection.

! Interoperability and compatibility among Bluetooth® devices vary.


To turn on the Bluetooth™ function and make your phone visible

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks**.
- 3 Mark the **Bluetooth** checkbox.  appears in the status bar.
- 4 Tap **Bluetooth settings**.
- 5 Mark the **Discoverable** checkbox. The phone will now be visible to other devices for 120 seconds.

Phone name

You can give your phone a name. This name is shown to other devices after you have turned on the Bluetooth™ function and your phone is set to visible.

To enter a phone name

- 1 Make sure the Bluetooth™ function is turned on.
- 2 From the Home screen, tap .
- 3 Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**.
- 4 Enter a phone name of your choice.
- 5 Tap **OK**.

Pairing with another Bluetooth™ device


When you pair your phone with another device, you can, for example, connect your phone to a Bluetooth™ handsfree or a Bluetooth™ car kit and use these devices to make and receive calls.

Once you have paired your phone with a Bluetooth™ device the phone will remember this pairing. When pairing the phone with a Bluetooth™ device, you may need to enter a passcode. Your phone will automatically try the generic passcode 0000. If this does not work, refer to your Bluetooth™ device documentation for the device passcode. You do not need to re-enter the passcode the next time you connect to a paired Bluetooth™ device.


Some Bluetooth™ devices, for example, most Bluetooth™ headsets, require you to both pair and connect with the other device.

You can pair your phone with several Bluetooth™ devices, but you can only connect to one Bluetooth™ profile at the same time.

To pair your phone with another Bluetooth™ device

- 1 From the Home screen, tap .
 - 2 Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
 - 3 Tap **Scan for devices**. The Bluetooth™ devices found will be listed under **Bluetooth devices**.
 - 4 Tap the Bluetooth™ device that you want to pair with your phone.
 - 5 Enter a passcode, if required.
 - 6 The phone and the Bluetooth™ device are now paired. With some devices, you also need to connect before you can start using them. The status of the pairing and connection is shown below the name of the Bluetooth™ device in the **Bluetooth devices** list.
- ! Make sure that the device you want to pair your phone with has the Bluetooth™ function activated and Bluetooth™ visibility turned on.


To connect your phone to another Bluetooth™ device

- ! Some Bluetooth™ devices, for example, most Bluetooth™ headsets, require you to first pair and then connect with other Bluetooth™ devices before a successful connection can be established.
- 1 From the Home screen, tap .
 - 2 Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
 - 3 In the **Bluetooth devices** list, touch and hold the Bluetooth™ device that you want to connect to your phone.
 - 4 Tap **Connect**.

To disconnect a Bluetooth™ device

- 1 From the Home screen, tap .
 - 2 Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
 - 3 In the **Bluetooth devices** list, touch and hold the name of the connected Bluetooth™ device.
 - 4 Tap **Disconnect**.
- ! Even if you disconnect a Bluetooth™ device, the device is still paired with your phone. To remove the pairing, you need to tap **Disconnect & unpair**.

To unpair a Bluetooth™ device


- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
- 3 In the **Bluetooth devices** list, touch and hold the name of the connected Bluetooth™ device.
- 4 Tap **Unpair**.

Sending and receiving items using Bluetooth™ technology



Share items with other Bluetooth™ compatible devices such as phones or computers. You can send and receive several kinds of items using the Bluetooth™ function, such as:

- Photos and videos
- Music and other audio files
- Contacts
- Web pages

To send items using Bluetooth™

- 1 **Receiving device:** Make sure the Bluetooth™ device you want to send the item to has Bluetooth™ turned on and is in discoverable mode.
- 2 In your phone, open the application which contains the item you want to send and scroll to the item.
- 3 Depending on the application and the item you want to send, you may need to, for example, touch and hold the item, open the item or press . Other ways to send an item may exist.
- 4 Select a share or send menu item.
- 5 In the menu that appears, select **Bluetooth**.
- 6 Turn on Bluetooth™, if you are asked to do so.
- 7 Under **Bluetooth devices**, tap the name of the receiving device.
- 8 **Receiving device:** If asked, accept the connection.
- 9 If asked, enter the same passcode on both devices, or confirm the suggested passcode.
- 10 **Receiving device:** Accept the incoming item.

To receive items using Bluetooth™

- 1 From the Home screen, tap .
 - 2 Find and tap **Settings > Wireless & networks**.
 - 3 Mark the **Bluetooth** checkbox.  appears in the status bar.
 - 4 Tap **Bluetooth settings**.
 - 5 Mark the **Discoverable** checkbox. The phone will now be visible to other devices for 120 seconds.
 - 6 **Sending device:** Send one or more items to your phone using Bluetooth™.
 - 7 If asked, enter the same passcode on both devices, or confirm the suggested passcode.
 - 8 When you are notified of an incoming file to your phone, drag the status bar downward and tap the notification to accept the file transfer.
 - 9 Tap **Accept** to start the file transfer.
 - 10 To view the progress of the transfer, drag the status bar downward.
 - 11 To open a received item straight away, drag the status bar downward and tap the relevant notification.
- ! Your phone must have a memory card inserted to be able to receive items using Bluetooth™ wireless technology.

Connecting your phone to a computer

Connect your phone to a computer and start transferring pictures, music and other file types.

- ! You might not be able to transfer some copyright-protected material between your phone and computer.

Transferring and handling content using a USB cable

You can connect your phone to a computer with a USB cable in order to manage files on your phone. From your computer's file explorer, you can then drag and drop content between your phone and the computer.

- ! If you are running an application on your phone and the application is using the memory card, you may need to close the application in order to access the memory card.

To drag and drop content between your phone and a computer

- 1 Connect your phone to a computer using a USB cable.
- 2 **Phone:** Tap **USB connected > Turn on USB storage**.
- 3 **Computer:** Open Microsoft® Windows® Explorer from the desktop and wait until your phone's memory card appears as an external disk in Microsoft® Windows® Explorer.
- 4 **Computer:** Drag and drop the desired files between your phone and the computer.

- ! Your phone cannot access the memory card while the card is being accessed by the computer. During this time, some applications in the phone, such as the camera, may not be accessible.

- 💡 If you accidentally skip the popup screen that appears when you connect your phone in step 1, you can establish a USB connection by dragging down the status bar and tapping **USB connected > Turn on USB storage**.

To disconnect the USB cable safely

- ! To avoid losing your data, do not disconnect the USB cable while content is being transferred.

- 1 **Computer:** Carefully follow your computer's instructions to unmount the microSD card and disconnect USB devices correctly, to avoid losing information on the card.
- 2 **Phone:** Drag the status bar downward.
- 3 Tap **Turn off USB storage**.
- 4 Tap **Turn off USB storage** in the screen that opens.
- 5 Disconnect the USB cable.


- ! Computer instructions may vary depending on your operating system. See the documentation of your computer's operating system for more information.

Location services


Use your phone to find out where you are. There are two methods: GPS or wireless networks. It's best to enable the wireless networks option if you only need your approximate location, and want it fast. If you want a more exact position, and have a clear view of the sky, enable the GPS option. You can enable both options to ensure your location is found in situations where a network is weak.

- ! Sony Ericsson does not warrant the accuracy of any location services, including but not limited to navigational services.

To enable GPS

- 1 From the Home screen, tap .
- 2 Tap **Settings** > **Location & security**.
- 3 Mark the **Use GPS satellites** checkbox.

To enable wireless networks

- 1 From your Home screen, tap .
- 2 Tap **Settings** > **Location & security**.
- 3 Mark the **Use wireless networks** checkbox.

Using GPS

Your phone has a global positioning system (GPS) receiver that uses satellite signals to calculate your location.

- ! When you use features that require the GPS receiver to find your location, make sure you have a clear view of the sky.

Getting the best performance

The first time you use the GPS it can take 5 to 10 minutes for your location to be found. To help the search, make sure you have a clear view of the sky. Stand still and don't cover the GPS antenna (the highlighted area in the image). The GPS signals can pass through clouds and plastic, but not through most solid objects such as buildings and mountains. If your location isn't found after a few minutes, move to another location.



Google Maps™

Track your current location, view real-time traffic situations and receive detailed directions to your destination.

When you view a map, you make an Internet connection, and data is transferred to your phone. Before taking trips, you can download and save maps to your memory card to avoid high roaming costs.

- ! The Google Maps™ application may not be available in every market, country or region.

To use Google Maps™

- 1 From the Home screen, tap .
- 2 Find and tap **Maps**.

- ! If you want to use your location, enable at least one of the location methods available under **Settings > Location & security**.

To learn more about Google Maps™

- When you use **Maps**, press , then tap **More > Help**.

Viewing your friends' locations with Google Latitude™

Join Google Latitude™ to view your friends' locations on maps and share your location and other information with them.

Getting directions

Google Maps™ application can provide directions for travel by foot, public transportation, or car. You can add a shortcut to a destination to your Home screen, so that you can simply touch the shortcut to get directions to that location from wherever you are.

When you view a map, you make an Internet connection, and data is transferred to your phone. Before taking trips, you can download and save maps to your memory card to avoid high roaming costs.

- ! Sony Ericsson does not warrant the accuracy of any directional services.

Using the Navigation application

Get turn-by-turn instructions on how to get places. The directions are both spoken and displayed on the screen.

- ! Navigation may not be available in every market.

To start Navigation

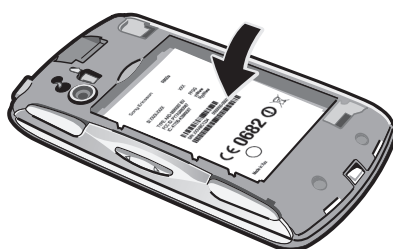
- 1 From your Home screen, tap .
- 2 Find and tap **Navigation**.

Locking and protecting your phone

MEID number


Every phone has a unique MEID (Mobile Equipment Identity) number. You should keep a copy of this number. If your phone is stolen, your network provider can use your MEID number to stop the phone from accessing the network in your home network country.

To view your MEID number



- Remove the battery to view your MEID number.

To view your MEID number from your phone settings menu


- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **About phone** > **Status**.
- 3 Scroll to **MEID** to view the **MEID** number.

Screen unlock pattern

You can secure data in your phone with a screen unlock pattern that only you know how to draw. Your phone stores this pattern, and when you start your phone or activate the screen, you are asked to draw it.

- ! It is very important that you remember your screen unlock pattern. If you forget it, it may not be possible to restore important data such as contacts and messages. Please refer to your Sony Ericsson contact center.

To create a screen unlock pattern

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Location & security** > **Set up screen lock** > **Pattern**.
- 3 Follow the instructions in your phone. You are asked to select a security question that will be used to unlock the phone if you forget your screen unlock pattern.


To unlock the screen using a screen unlock pattern

- 1 Activate the screen.
 - 2 Draw your screen unlock pattern.
- ! If the unlock pattern you draw on the screen is rejected five times in a row, you can select to either wait 30 seconds and then try again, or to answer the security question you have selected.

To change the screen unlock pattern

- 1 From the Home screen, tap .
- 2 Find and tap **Settings** > **Location & security** > **Change screen lock**.
- 3 Follow the instructions in your phone.

To disable the screen unlock pattern

- 1 From your Home screen, tap  > **Settings** > **Location & security** > **Change screen lock**.
- 2 Draw the screen unlock pattern.
- 3 Tap **None**.


Updating your phone

Update your phone to the most recent software version to get optimal performance and the latest enhancements. You can download updates directly to your phone over a 2G or 3G Internet connection, or via a Wi-Fi connection.

- ! You may incur data connection charges when you connect to the Internet from your phone. Contact your service provider for more information.

Updating your phone wirelessly

To download software updates wirelessly

- 1 From your Home screen, tap .
 - 2 Find and tap **Settings** > **About phone** > **Software update**.
 - 3 Tap **Update now**. Follow the on-screen instructions to update your phone.
- 💡 Select the **Auto search** option if you want your phone to automatically inform you about software updates.

Phone settings overview






Get to know the settings in your phone so that you can personalize them to your own requirements.

Wireless & networks	Manage your wireless connections and connection settings
Call settings	Configure settings for listening to and managing your voicemail, for example.
Sound	Configure how your phone rings, vibrates, or alerts you in other ways when you receive communications. You can also use these settings to set the volume for music or other media with audio, and some related settings.
Display	Select to switch orientation when you rotate your phone, or set the screen brightness
Location & security	Set navigation settings and protect your phone by setting up different locks and passwords
Applications	Manage and remove installed applications
Accounts & sync	Enable your applications to sync automatically and permit applications to synchronize data in the background, whether you're actively working in them or not
Privacy	Manage your personal information, restore your settings and other data when you install an application, and erase all of your personal data from the internal phone storage
Storage	Check out the available space on your phone's internal storage and on the SD card. You can also erase the SD card, or unmount it for safe removal
Language & keyboard	Select phone language and adjust text input options
Voice input & output	Configure the voice input feature to enter text by speaking
Accessibility	Enable your installed accessibility applications and adjust related settings
Dock	If you have a dock for your phone, you can set preferences for how the phone and dock interact
Date & time	Set the time and date or choose to use the network-provided values. Select your preferred date and hour format
About phone	View information about your phone, such as model number, firmware version, and battery status

Icons overview








Status icons

The following status icons may appear on your screen:

	Signal strength
	No service
	Roaming
	3G is available
	Sending and downloading 3G data
	Connected to a Wi-Fi network
	Battery is low
	Battery is full
	Battery is charging
	GPS is activated
	Receiving location data from GPS
	Flight mode is activated
	The Bluetooth function is activated
	Connected to another Bluetooth device
	The microphone is muted
	The speakerphone is on
	The phone speaker is muted
	Vibrate mode
	An alarm is set






Notification icons

The following notification icons may appear on your screen:

	New Gmail message
	New text message or multimedia message
	New Google Talk message
	New voicemail
	An upcoming calendar event
	Song is playing
	Data is synchronizing

	Problem with sign-in or synchronization
	An open Wi-Fi® network is available
	The phone is connected via a USB cable
	The phone is sharing its data connection via a USB cable (USB tethering)
	The phone is sharing its data connection as a Wi-Fi hotspot (Wi-Fi tethering)
	The phone is tethered in multiple ways
	Call in progress
	Call in progress using a Bluetooth headset
	Missed call
	Call on hold
	Call forwarding on
	Uploading data
	Downloading data
	Download finished
	More (undisplayed) notifications
	Connected to VPN
	Disconnected from VPN
	Application update available
	System update available

Applications overview

	Browser	Browse the web and download new programs and files
	Calculator	Perform basic calculations
	Calendar	Keep track of your appointments
	Camera	Take photos and record video clips
	Clock	View the time
	Contacts	Keep track of your friends and colleagues
	Downloads	Access your downloaded applications
	E-mail	Send and receive emails
	Gallery	View your pictures and photos
	Gmail™	An email application that supports Gmail™
	Google Search	Find information on your phone and on the web
	Latitude	View your friends' locations on your maps and share your location and other information with them
	Maps	View your current location, find other locations, and calculate routes
	Market	Go to Android Market™ to download free and paid applications for your phone
	Messaging	Send and receive text and multimedia messages
	Music	Play music and playlists
	Navigation	Navigate with the help of spoken, turn-by-turn driving instructions
	News and Weather	View news stories and weather forecasts
	Phone	Make and receive calls, switch between calls, set up conference calling, and view your call history
	Places	Search for places. For example, you can search for restaurants
	Settings	Tailor phone settings to your own liking
	Talk	Chat online
	Voice Dialer	Make a phone call by speaking the name of a contact or a phone number
	Voice Search	Use voice actions to perform many common tasks
	XPERIA® Play	Browse pre-installed games, and search, download, and play optimized games
	YouTube™	Share and view videos from all over the world

! Some applications are not supported by all networks and/or service providers in all areas.

💡 Applications you download appear in the Launcher.

Troubleshooting


My phone is not working as expected

If you experience problems with your phone, check these tips before you try anything else:

- Restart your phone.
- Remove and re-insert the battery . Then restart your phone.
- Update your phone software. Updating your phone ensures optimal performance and provides the latest enhancements. See *Updating your phone* on page 73 for more information.
- Reset your phone.

 Be patient while resetting your phone. Restarting the phone during a reset procedure may damage the phone permanently.


To force close an application

- When a popup window tells you that an application is not responding, tap **Force close**.
-  If you do not want to force stop an application, you can wait for it to respond by tapping **Wait**.

Resetting the phone

When you reset your phone, you delete all data, including downloaded applications. You are basically resetting the phone to the state it was in before you first turned it on. So before you perform a reset, make sure to back up any important data saved on your phone.

To reset the phone

- 1 From your Home screen, tap .
- 2 Find and tap **Settings** > **Privacy**.
- 3 Tap **Factory data reset**.
- 4 To erase not only internal storage but also other user data such as pictures and music, mark the **Erase SD card** checkbox.
- 5 Tap **Reset phone**.
- 6 To confirm, tap **Erase everything**.

I cannot charge the phone

The charger is not properly connected or the battery connection is poor. Remove the battery and clean the connectors.

No battery charging icon appears when phone starts charging

It may take a few minutes before the battery icon appears on the screen.

The battery performance is low

Follow our smart tips on how to get more out of your battery. See *Battery performance* on page 21.

I cannot transfer content between my phone and the computer, when using a USB cable

The software or the USB drivers have not been properly installed. Go to www.sonyericsson.com/support for more detailed installation instructions and troubleshooting sections.

I cannot use Internet-based services

Make sure your subscription covers data downloads and that the Internet settings in your phone are correct. See *Internet and messaging settings* on page 23 for more information on how to enable data traffic, data roaming, and download Internet settings. Contact your network operator for more information about your subscription settings.

Error messages

No network coverage

- Your phone is in Airplane mode. Make sure Airplane mode is turned off.
- Your phone is not receiving any network signal, or the received signal is too weak. Contact your network operator and make sure that the network has coverage where you are.

Emergency calls only

You are within range of a network, but you are not allowed to use it. However, in an emergency, some network operators allow you to call the international emergency number 112. See *Emergency calls* on page 28 for more information.

Legal information

Sony Ericsson R800x

This User guide is published by Sony Ericsson Mobile Communications AB or its local affiliated company, without any warranty. Improvements and changes to this User guide necessitated by typographical errors, inaccuracies of current information, or improvements to programs and/or equipment, may be made by Sony Ericsson Mobile Communications AB at any time and without notice. Such changes will, however, be incorporated into new editions of this User guide.

All rights reserved.

©Sony Ericsson Mobile Communications AB, 2011

Publication number: 1257-2583.2

Your mobile phone has the capability to download, store and forward additional content, e.g. ringtones. The use of such content may be restricted or prohibited by rights of third parties, including but not limited to restriction under applicable copyright laws. You, and not Sony Ericsson, are entirely responsible for additional content that you download to or forward from your mobile phone. Prior to your use of any additional content, please verify that your intended use is properly licensed or is otherwise authorized. Sony Ericsson does not guarantee the accuracy, integrity or quality of any additional content or any other third party content. Under no circumstances will Sony Ericsson be liable in any way for your improper use of additional content or other third party content.

This User guide may reference services or applications provided by third parties. Use of such programming or services may require separate registration with the third party provider and may be subject to additional terms of use. For applications accessed on or through a third-party website, please review such websites' terms of use and applicable privacy policy in advance. Sony Ericsson does not warrant or guarantee the availability or performance of any third-party websites or offered services.

Remove the battery to see regulatory information such as the CE mark.

All product and company names mentioned herein are the trademarks or registered trademarks of their respective owners. Any rights not expressly granted herein are reserved. All other trademarks are property of their respective owners.

Visit www.sonyericsson.com/cws/corporate/common/legal/disclaimer for more information.

All illustrations are for illustration only and may not accurately depict the actual phone.

This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

Content owners use Windows Media digital rights management technology (WMDRM) to protect their intellectual property, including copyrights. This device uses WMDRM software to access WMDRM-protected content. If the WMDRM software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect unprotected content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. If you decline an upgrade, you will not be able to access content that requires the upgrade.

This product is licensed under the MPEG-4 visual and AVC patent portfolio licenses for the personal and non-commercial use of a consumer for (i) encoding video in compliance with the MPEG-4 visual standard ("MPEG-4 video") or the AVC standard ("AVC video") and/or (ii) decoding MPEG-4 or AVC video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed by MPEG LA to provide MPEG-4 and/or AVC video. No license is granted or shall be implied for any other use. Additional information including that relating to promotional, internal and commercial uses and licensing may be obtained from MPEG LA, L.L.C. See <http://www.mpegla.com>. MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson.

End-user license agreement for Sun Java Platform, Micro Edition.

1. Restrictions: Software is confidential copyrighted information of Sun and title to all copies is retained by Sun and/or its licensors. Customer shall not modify, decompile, disassemble, decrypt, extract, or otherwise reverse engineer Software. Software may not be leased, assigned, or sublicensed, in whole or in part.

Index

A	
accounts	9
Google™	9
Microsoft® Exchange (corporate)	9
adjusting volume	54
airplane mode	21
alarm	40
albums	
deleting	63
Android	6
Android Market	38
animated wallpaper	15
answering service	27
applications	6
overview	77
applications bar	15
audio	
adjusting volume	54
playing	53
playing music in random order	54
audio books	53
B	
battery	11
cover	7
removing	7
Bluetooth™ wireless technology	66
brightness	20
<i>browsing - see web browser</i>	
C	
calendar	40
create an event	40
calling	23
calls	26
emergency	28
list	27
log	27
missed	27
multiple	27
recent	27
camera	56, 57, 59
closing	56
controls	56
icons	59
overview	56
recording videos	58
settings	57, 59
taking photos	56
video	58
viewfinder	56
viewing photos	56
viewing videos	59
caps lock	17
changing tracks	54
charging	11
chat	37
conference calls	28
contacts	29
favorite	31
picture	31, 63
sending	31
sharing	31
corporate email, calendar and contacts	43
cropping	
photos	64
D	
data protection	72
date	
format	19
deleting	63
an alarm	40
photos	64
tracks	54
videos	65
download	
Internet settings	23
driving directions	71
E	
email	34
more than one account	36
emergency numbers	28
events	
calendar	40
extensions	13
F	
front camera	56
G	
Gallery	61
changing views	62
opening	61
opening albums	61
Gmail™	36
Google Latitude	71
Google Maps	70
Google Talk™	37
Google™ account setup	36
Google™ synchronization	43
GPS	70
H	
handsfree	23
using	23
hardware keys	11
Home screen	13
changing	14
I	
icons	75
in the camera	59
input method	17
instant messaging	37
Internet	
settings	23
web browser	49
K	
keyboard	17
settings	18
keypad	17
L	
language	21
writing	18
Latitude	71
launcher	15
LCD backlight control	20
light	16
live wallpaper	15
location services	70
locks	
activating the screen	8

locking the screen	8	viewing on a map	64
pattern	72	zooming	63
screen lock	8	playing	
screen unlock pattern	72	music	53
M		playlists	55
<i>mail See email</i>		adding a track	55
Maps	70	create	55
media files		deleting	55
copying to memory card	53	playing	55
messages		power	8
settings	23	protecting data	72
Microsoft® Exchange synchronization	43	R	
MMS		receiving items using Bluetooth™	67
settings	23	recent calls	27
multimedia		recently used applications window	15
copying to memory card	53	recording videos	56
music	23, 53	reset	78
adjusting volume	54	resizing	
audio books	53	photos	64
changing tracks	54	ringtone	40
copying to memory card	53	rotating	
copying to/from a computer	53	photos	63
deleting	54	S	
pausing a track	54	screen	20
player overview	53	cracked	12
playing	53	glass	12
playing in random order	54	lock	72
playlists	55	lock pattern	72
podcasts	53	warranty	12
search	54	self-portrait	56
setting ringtone	55	sending	56, 63, 64
using handsfree	23	contacts	31
music player	53	sending items using Bluetooth™	67
deleting tracks	54	services	9
minimizing	54	settings	
playlists	55	video camera	59
using in the background	54	camera	57, 59
N		Internet	23
Navigation	71	messaging	23
Navigation application	71	MMS	23
notification	16, 75	still camera	57
panel	16	sharing	
ringtone	20	photos	56, 64
O		photos and videos	63
overview		shuffle music	54
music player	53	silent mode	19
P		slideshow	63
pausing a track	54	<i>SOS See emergency numbers</i>	
personal information	29	start up	9
phone		status	16, 75
battery	21	still camera	56
performance	21	settings	57
update	73	switching	
photo albums	61	cameras	56
deleting	63	symbols	17
viewing	61	synchronizing	43
photos	56, 63, 64	Google™ contacts, calendar, email	43
add to contact	31	Microsoft® Exchange contacts, calendar, email	43
cropping	64	T	
deleting	64	taking photos	56
photo viewer	62	<i>telephony See calls</i>	
rotating	63	time	19
sharing	56, 63, 64	time management	40
slideshow	63	troubleshooting	78
taking	56	turning off	8
using as a contact picture	63	turning on	8
using as wallpaper	64		
viewing	56, 61, 62, 63		

U	
updating phone	73
USB connection	69
V	
vibration	20, 40
video albums	61, 63
viewing	61
video camera	56, 58
recording videos	58
settings	59
video player	
pausing a video	65
videos	64
adjusting volume	65
deleting	65
fast forwarding and rewinding	65
pausing	65
playing	65
recording	58
sending	65
sharing	65
viewing	59, 61, 62
viewfinder	56
viewing	
photos	56
videos recorded using the camera	59
voicemail	27
volume	
adjusting video	65
key	19
W	
wallpaper	15
using a photo as	64
web browser	49
managing bookmarks	50
settings	52
toolbar	49
Wi-Fi®	45
widgets	14
wireless networks	70
Z	
zooming	
photos	63